

P.O. Box 4, Route 168 Shippingport, PA 15077

September 27, 2002

Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555

### NPDES Monthly Report, EPA Permit No. PA0025615

SUBJECT:

Beaver Valley Power Station, Unit No. 1 and No. 2

BV-1 Docket No. 50-334, License No. DPR-66 BV-2 Docket No. 50-412, License No. NPF-73

Dear Sir:

Enclosed is a copy of the NPDES Monthly Report for August 2002 as submitted to the Pennsylvania Department of Environmental Protection.

Sincerely,

Joseph W. Venzon

Chemistry and

**Environmental Manager** 

DJS

C:

J.W. Venzon Licensing File

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Month:	AUGUST
Year:	2002_·

DISCHARGE MONITORING REPORT SUP	PLEMENTAL SEWAGE SLUDGE REPORT Month: AUGUST
Instructions:	Year: 2002
1. Complete monthly and submit with each DMR. Attach additi	onal
sheets and comments as needed for completeness and clari	ty. Permittee: FENOC
2. Sludge production information will be used to evaluate p	
performance. Report only sludge which has been removed digesters and other solids which have been permanently r	
from the treatment process. Do not include sludge from	
plants which is processed at your facility.	
3. In the disposal site section, report all sludge leaving	your For sludge that is incinerated: dry tons
facility for disposal. If another plant processes and d	, 10 posses
of your sludge, just provide the name of that plant. If dispose of sludge from other plants, include their tonna	Joan 1000 11101111111111111111111111111111
disposal site section and provide their names and indivi	
tonnage on the back of this form.	ONIT. 1
A If no sludge was removed, note on form.	ON /arian to incineration)
SLUDGE PRODUCTION INFORMATI HAULED AS LIQUID SLUDGE	HAULED AS DEWATERED SLUDGE
(Conversion	Tions of
$(Ga)^{-1}$ X (% Solids) X Factor) = Dry Tons	Dewatered Sludge) X (% Solids) X (.01) = Dry Tons
8 000 2.5 .0000417 0.667	.01
1	
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	TOTAL =
TOYAL = 0.601	TOINE -

3.7

DISPOSAL SITE INFORMATION: List all sites, even if not used this month

Site 1 Site 2 Site 4 Site 3 Borough of Monaca
Sewage Treatment Plant . Hopewell Township
PA0020125 PA0026328 Name:
Permit No.:
Dry Tons Disposed:
Type: (check one)
Landfill Agr. Utilization Other (specify) Beaver County: Beaver

Municia

- Chemistry Manager

9/1/102 - (724) 682-5113

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**经验的** 

	DISCHARGE MONIT	ORING REPORT SI	UPPLEMENTAL	SEWAGE SLUDGE	REPORT	Month: August Year: 2002
<u>Instructions</u> :	· · · · · · · · · · · · · · · · · · ·		t dona l			itui. and
sheets and comme	and submit with each DM nts as needed for comple	teness and cla	rity.	Permi	ttee: FENOC	
2. Sludge productio	n information will be us	ed_to evaluate	plant	Plant	Beaver Va	lley Power Station
performance. Re	port only sludge which h	asabeen removed	d Trom		PA0025615	
digesters and ot	her solids which have be	en permanently	removed			ippingport Borough
<ul> <li>from the treatme</li> </ul>	nt process. Do not incl	ude sludge from	n other	Count	y: Beaver	
plants which is	processed at your facili	ty.		Paul alicabas	. Abab da daa	imamatada '
3. In the disposal	site section, report all	sludge leaving	your		that is inc	
facility for dis	posal. If another plant	processes and	aisposes		neration weight	
of your sludge,	just provide the name of	that plant.	it you		ineration we	ight = dif tons
dispose of sludg	e from other plants, inc	luge their toni	nage in the			* 31
disposal site se	ction and provide their	names and indiv	vidual diy			UNIT Z
tonnage on the b	ack of this form.	-		•		•
4. It no sluage was	removed, note on form.	ICTION INFORMAT	TION (neigr	to incineration	n)	
HAITE	D AS LIQUID SLUDGE	3011011 1111 0111 211		HAULED A	S DEWATERED	SLUDGE
TIMOCE	(Conversion			ns of		_
(Ga1: 15) X (% So		<ul><li>Dry Tons</li></ul>	Dewate	red Sludge)	X (% Solids)	X (.01) = Dry Tons
	0 .0000417	1.67				.01
				-		
				-		
			<u> </u>			
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DICDOCAL CITE II			,· /.	s month		-
DISPOSAL SITE II	NFORMATION: List all si	Site	2	Site	3	Site 4
	Borough of Monaca					
Name:	Sewage Treatment Plant	Hopewell Town	ship	1		-
Permit No.:	PA0020125	PA0026328				
Dry Tons Disposed:	1.67	V.				
Type: (check one) Landfill						
Agr. Utilization			•			
Other (specify)						
County:	Beaver	Beaver		•		
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	I'Manana A	**** ***	شاسه.	'Unemistry I	ranager 7.12	77100 (124) 002-311

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energ	y Nuclear Operati	ng Company	(2-)	16)		(17-19	9)			,	
ADDRESS: 76 South N	Main Street		PA002	25615		101				•	
Akron, OH	I 44308		PERMIT	NUMBER	-	DISCHARGE	NUMBER				
					MONITORING P	ERIOD					
FACILITY: Beaver Va	lley Power Station	FRON	M YEAR MO	0   D	AY · TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Beav	er County	02 08	3 (	2	02 00					
		<del></del>	(20-21) (22-2		4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d instruction	as before comple	ting this form
Parameter	1	(3 Card Only) QU	ANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF '	TYPE
						1 11777	· · · · · · · · · · · · · · · · · · ·	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(02-03)		
	Measurement	0.002	. Q.008		*			ŀ	<u> </u>	DAILY	CONT
Flow	Requirement	MONITOR A	ND REPORT	MGD	19 19 19 19 19 19 19 19 19 19 19 19 19 1	<b>高高。</b> 3%	2000年12日	٠		DAILY	CONT
	Sample Measurement	٠	•		*	24.0	4.0	;	0	77	2 HIL COMP
Suspended Solids	Permit	*		*	S 12 4 4 4 4 4	30* 135	100	MG/L	上華德	INVEEK	2 HOUR COMPOSITE
	Sample Measurement	•	•		*	45.0	45.0	, -	0	1/7	GENB
Oil and Grease	Permit • Requirement	• 27.7	をなる はい	*	90 A #3	15 × 5 -	20. 20.	MG/L -	TO THE STATE OF	TWEEK.	
On talle Gloub	Sample Measurement	•	•		*	*	*			*	*
Hvdrazine	Permit Requirement	4 3 <sup>8</sup> 4.	44 Jan 5			MONITOR A		MG/L	沙森區	MEEK:	
11/01/02/11/0	Sample Measurement	•	•		*	*	*			*	*
Ammonia	Permit Requirement	. • 1	7 PP			MONITOR A	. 8 35 5 5	MG/L	154 0	NWEEK '	GRAB
Anniona	Sample		•		7.15	MONTORA	8.46	MOL	0	77	GRAB
	Measurement Permit				( · · · · · · · · · · · · · · · · · · ·				. 37- 33	17 F 3 Fee 4	1.
рН	Requirement Sample	•	•	*	60	* •	-90	S U	20 %	1/WEEK	¼' GRAB
	Measurement	•	•		*		*	ļ		*	
	Permit Requirement	• .5	125 gla 1	*	•	2	*		100	13.	•
NAME/TITLE PRINCIPAL EXE	<del></del>	INDER PENALTY OF LAW THA	AT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	*··	·	TELEPHON			ATE
OFFICER	į.	INFORMATION SUBMITTED		-	l I						1
JOSEPH W. Val	₩77 <b>K</b> .\	LS IMMEDIATELY RESPONSI				. 1		•			ļ
		TTED INFORMATION IS TRU SIGNIFICANT PENALTIES FOR				Marie II.	7-4	100		02 0	27
CHEMISTEY MAN		Y OF FINE AND IMPRISONM			.s.c. §1319.	m w vay	1724	682-	<u> シリン</u>		
TYPE OR PRINT		under these statutes may		,000 and or		ATURE OF PRINCIPAL EX	KECUTIVE AREA			YEAR	MO DAY
	imprisonm	ent of between 6 months an	d 5 years)		// Of:	FICER OR AUTHORIZED	AGENT CODE	NUME	3EK		

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

\* HYDRAZINE AND AMMONIA MONITORING ONLY APPLY DURING CONDITIONS OF WET LAY-UP. PLANT WAS NOT IN WET LAY-UP IN AUGUST 2002.

First Energy Nuclear Operating Company

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(17-19)

(2-16)

ADDRESS: 76 South N	Main Street		PA00	25615		301					
Akron, Ol-	I 44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
	<del></del>				MONITORING P	ERIOD					
FACILITY: Beaver Va	lley Power Station	FRO:	M YEAR M		AY TO	YEAR · MO	DAY				
LOCATION: Shippingp			82 0		<del>201</del>	02 08					
LOCATION: Snippingp	ort borougn, beav	er County					) (30-31).	MOTE. D.	d Instruction	ns before comple	sting this form
		•	(20-21) (22-	23) (2	4-25)	(26-27) (28-29		NOIE: REA			
Parameter		(3 Card Only) QU	JANTITY OR LOAD!	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46 <b>-</b> 53)	(54-61)		EX	OF '	TYPE
	1						,			ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	40.001	40.001		•	•	*			1/7	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	1. 1. 2			*	3. 1	1/WEEK	ESTIMATE ·
	Sample Measurement	•			*	45.0	45.0		0	7/31	GRAB
Suspended Solids	Permit Requirement	** * * * * * * * * * * * * * * * * * * *			***	307 €	100	MG/L	m · u · ¥ h <sub>1</sub> ∪ (€	2/MONTH	GRAB
	Sample Measurement	•	•		•	45.0	45.0		0	2/31	GRAB
Oil and Grease	Permit - ? Requirement -	S		*	•	\$ 15V F	200 常点	MG/L	, °\#	2/MONTH	GRAB
	Sample Measurement	•	•		•	•	•			*	*
	Permit Requirement	3 8 4 11.	. • •			1 1 m 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	经济和政策	•			* *
	Sample Measurement	•	•		•	*				•	
	- Permit Requirement	A 3 5	\$ 1.6 C		3.6%	新门 *美容。	图学会·统行级·	• .	(1)第二	1 di + 2	₩ - <b>*</b> -
	Sample Measurement	•	•			*		_		٠	•
	Permit Requirement	\$			*41.5	강화 ¥ 책임	年 温度流出さ		(大型) (大型)	185, ∗3	
	Sample Measurement	•	•			•	*			•	٠,-
	Permit Requirement	हा । जि. १ के पूर	ratio	*	1	2000年12日本	能許疑的試了	•	THE PARTY OF	. R. ∗ 2	* `
NAME/TITLE PRINCIPAL EXE	CUTIVE   I CERTIFY	UNDER PENALTY OF LAW TH	LAT I HAVE PERSONALLY EXA	MINED AND A	LM FAMILIAR			TELEPHON	VE.	D	DATE
OFFICER		INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE		l		:		l
Joseph W. Vens	AUDIVIDUA	LS IMMEDIATELY RESPONSE				4					
		ITTED INFORMATION IS TRU									
CHEMISTRY MAN	CAN THERE ARE			SUBMITTING FALSE INFORMATION. INCLUDING THE THE WAY TO THE TOTAL T				682-9	5113	02 2	<b>9</b> 9   127
TYPE OR PRINT	(Denotion			ent see 18 U.S.C. §1001 AND 33 U.S.C. §1319 includes fines up to \$10,000 and or maximum SUCHATURE OF PAINCIPAL EXECUTIVE AREA				<u> </u>		MO DAY	
THEORIGIN		nent of between 6 months a		,vvv anu or		FICER OR AUTHORIZED		NUM	BER		
	1		+ , •••••								

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	y Nuclear Operati	ng Company	(2-	16)		(17-19	9)				
ADDRESS: 76 South M			PA00:			401					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER				
		···			MONITORING P						
FACILITY: Beaver Val					AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County		80		07 08					41 .41 . #
			(20-21) (22-2		4-25)	(26-27) (28-29		NOTE: Rea		ns before compl	
Parameter (32-37)			ANTITY OR LOAD!	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ' ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	40.001.	40.001		*	•	•			3/7	· Est
Flow	Permit - Requirement	MONITOR'A	ND REPORT	MGD -	% <b>*</b> , \$	265 * 125557	15. 14. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16	*	41. Berlin	i/WEEK	ESTIMATE
	Sample Measurement	*	•			44.0	4.0		0	2/31	GLAB
Suspended Solids	Permit Requirement	25	· · · · · · · · · · · · · · · · · · ·	*	1.50	302	- 100°	MG/L	(清朝)分	2MONTH	GRAB
	Sample Measurement	•	*		•	45.0	<b>LS,0</b>		0	2/31	GRAB
Oil and Grease	Permit . Requirement		· 横沟海南 16	*	1000	150 36	1 20 素 影 [	MG/L		2/MONTH	GRAB
	Sample Measurement	•	*		8.47	•	*		0	2/31	GLAB
pН	Permit Requirement ~	in the second	一個学生の		60	****	至一 如此有關	S.U.	KING T	2/MONTH	GRAB
	Sample Measurement		•			•	*			*	*
	Permit Requirement				1. O. S.	文字: *中文: "A	東京 本本の語	•	THE STATE OF	京題(一個	<b>A.</b>
-	Sample Measurement	٠	*		÷		*			*	¢
	Permit. Requirement	- 4	1000	*		学 14-26	张 4.全部营	•	( ) * ·		
•	Sample Measurement	•	•		*	*	• .	•		*	
	Permit Requirement		· 海南河南南 "	*		. (1990 <b>*</b> 1902)	と できた器	*	(公園)	り納き露代	*
NAME/TITLE PRINCIPAL EXECUTION OFFICER		INDER PENALTY OF LAW THA						TELEPHON	E	D	ATE
	INDIVIDUAL	INFORMATION SUBMITTED  S IMMEDIATELY R ESPONSIE					-				
JOSEPH W. VENZ	THE SUBMI	TTED INFORMATION IS TRU				Ŋ					
CHEMISTEY MAN	THERE ARE	SIGNIFICANT PENALTIES FOR	R SUBMITTING FALSE INFORI	MATION. INC	LUDING THE	de Albin	724	682-	C112	02 0	19 27
TYPE OR PRINT		OF FINE AND IMPRISONM under these statutes may	includes fines up to \$1001	AND 33 U.	s.c. §1319	TURE OF PRINCIPAL EX		ecc.	<u> </u>		9 27 MO DAY
	imprisonme	ent of between 6 months an	d 5 years)		\ /OFF	TICER OR AUTHORIZED		NUME	BER		JAI
COMMENT AND EXPLA	ANATION OF A	NY VIOLATIONS (F	Reference all attachm	ents here)						•	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 76 South M				16) 25615 NUMBER		(17-19) \$557 501 DISCHARGE NUMBER			No C	Dischae	くモ
					MONITORING P		70437				
FACILITY: Beaver Vall					DAY TO	YEAR MO					
LOCATION: Shippingpo	rt Borough, Beav	er County	(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOAD (54-61)	· · · · · · · · · · · · · · · · · · ·	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)			NO. EX	FREQUENCY OF	SAMPLE TYPE
•				Laburro	Managara	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
<del></del>	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMOM	01113	(02-03)	(04-00)	(0,5-10)
	Measurement Permit			┨	<b>*</b>	*	- 17 Tre	-	-, ·· ,	45 6 6	
Flow	Requirement	MONITOR A	ND REPORT	MGD		* '	(1.4°, 1.5°, 4°		7 - 24	1/WEEK	ESTIMATE
	Sample Measurement	•	•		- *				ļ		
Total Suspended Solids	Permit Requirement				• * -	30	100	MG/L	, ** ·	i/WEEK	" GRAB
	Sample Measurement	*	•			*		•		*	
	Permit Requirement	*	•	1 .	+7 .			• .		1.5	<b>好</b> • .
****	Sample Measurement		•		*		*				٠
	Permit Requirement	5 <b>d</b>	*	1.	. •	. *	** *** *** *				u, <b>\$</b>
· · · · · · · · · · · · · · · · · · ·	Sample Measurement	•									*
-	Permit Requirement		* * * * * * * * * * * * * * * * * * *	1.	***		* **** · · · · · · · · · · · · · · · ·	*	4	1.4.	*
· · · · · · · · · · · · · · · · · · ·	Sample Measurement	•	*		. •				\ <del></del>	v	• 1
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	Sample Measurement	•	•			•					• "
	Permit - Requirement	* * * * * * * * * * * * * * * * * * * *	, in		à . ·	138 - 23	31, 14 mm 2 mm 2 mm	· •	1 4 . 1	京部 .湖下	
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW TH	<u> </u>	AMINED AND	<del></del>			TELEPHON	NE .	Ī	DATE
OFFICER		INFORMATION SUBMITTEL LS IMMEDIATELY RESPONSE				. 1				l·	
JOSEPH W. VEN		its immediately responsi fited information is tri				1 hown -			2		1
CHEMISTER MAN	THERE ARE	SIGNIFICANT PENALTIES FO				A MINIMINIA	724	682-5	5113	02 0	MO DAY
TYPE OR PRINT	(Penalties	Y OF FINE AND IMPRISONS under these statutes may	y includes fines up to \$1		maximum SIGN	ATURE OF PRINCIPAL E	XECUTIVE AREA			YEAR	MO DAY
COMMENT AND EXPL		ent of between 6 months a		nentc here		FICER OR AUTHORIZED	AGENT CODE	NUM	BEK .		
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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page I of 1

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy Nuclear Operating Company ADDRESS: 76 South Main Street Akron, OH 44308			PA001	25615		(17-19 001 DISCHARGE 1					
12000, 011	. 44500				MONITORING					•	
FACILITY: Beaver Va	alley Power Statio	r FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingp			02 02		01 .	02 08	31				
Doort Total Shippings	on Dorougii, Dea	ter County	(20-21) (22-2		4-25)	(26-27) (28-29		NOTE: Rea	d instruction	ns before comple	eting this form
Description		(3 Card Only) QI	UANTITY OR LOADI		(4 Card Only)	QUALITY OR CONC		<del></del>	NO.	FREQUENCY	SAMPLE
Parameter (32-37)		(3 Card Only) Q(	(54-61)	NG	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)		(40-33)	(34-01)		(30-3)	(10 00)	(0.1.00)		J	ANALYSIS	
		AVERAGE	· MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	49.8	55.4				*	-		DAILY	CONT
Flow	Permit Requirement	MONITOR A	AND REPORT	MGD	24. <b>•</b> 1	. •		•	• ;,	DAILY	CONT
	Sample Measurement	*	•		b	0.037	0.15		0	CONT	RECO
Free Available Chlorine	Permit Requirement	•			•	AVG CONC	MAX CONC	MG/L	* .	CONT	RECORDED
Tree Available Cilibrate	Sample	*	•	· · · · · ·		0.09	0.20		0	1/7	GRAB
	Measurement Permit	*		1	<u> </u>	<del>  0.01  </del>	INSTANT MAX;	ł			
Total Residual Chlorine	Requirement	· •	# ", " <sup>1</sup>	*	* • •	- 05	1.25	MG/L	2 . 4	-I/WEEK	GRAB
	Sample Measurement	•	•			*	•			*	*
Clamtrol (CT-1)	Permit Requirement	*	, *	1 .	•	NOT DETE	CTABLE	MG/L		DISCHARG	24 HOUR COMPOSITE
Cidantion (C1-1)	Sample	•	•			* :	*	•	1	*	*
	Measurement Permit			-		7.	- 3	1	1	WHEN DISCHARG	
Betz DT-1	Requirement		· • .	*	*	• • •	35.0	MG/L	À. • -	DISCHARG-	COMPOSITE
	Sample Measurement		•				,				i
	Permit	•	3, 3,	1 .		₹ 302	0.2	MG/L	5 · V	2/YEAR	24 HOUR COMPOSITE
Chromium	Requirement Sample		. • * .	<del> </del>	· · · · · · · · · · · · · · · · · · ·	7- 5-02	7, 0.2% (1	MG/L	<del>                                     </del>	· ZITEAR ·	·
	Measurement	*	*	. ↓	*						24 HOUR
Zinc	Permit Requirement	•			# # # # # # # # # # # # # # # # # # #	1.0	<b>1:0</b>		E 12	2/YEAR	COMPOSITE
NAME/TITLE PRINCIPAL EXE			hat I have personally ex.					TELEPHO	NE	1	DATE
OFFICER			D HEREIN AND BASED ON	•		L.	-	_	•		
JOSEPH W. Veni	SON INDIVIDU		SIBLE FOR OBTAINING THE I			1				i i	
	THE SUBV		RUE, ACCURATE AND COMPI FOR SUBMITTING FALSE INFO			Mundle	1-1	100	<i>-، ، -</i>		00 27
CHEMISTRY MAY	JACEN POSSIBILI		MENT SEE 18 U.S.C. \$100		J.S.C. §1319.	HIN WIN V		682-	<u>کا اک</u>	<u>e</u>	$\frac{OQ}{MO}$ $\frac{27}{DAY}$
TYPE OR PRINT	(Penalties	under these statutes ma	y includes fines up to \$1		r maximum \$1G	NATURE OF PAINCIPAL E		kun	DED.	YEAR .	MO DAY
	1 Imprisons	nent of between 6 months :	and 5 years)		1/0	FFICER OR AUTHORIZED	AGENT CODE	NUM	DEK	1	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED). .

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

\* CT-1 (CLAMTROL) WAS NOT DISCHARGED IN AUGUST ZOOZ

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	y Nuclear Operating	Company	(2-	16)		(17-19	))				
	Main Street	<del></del>	554PA00			": 001.(CO				·	
Akron, OF	H 44308	•		NUMBER		DISCHARGE					
					MONITORING P			•			
	lley Power Statio		M · YEAR M	0 [	AY TO	YEAR MO	DAY	-			
LOCATION: Shippingp	ort Borough, Bear	ver County	02 0	3 /	21	02 08	-31				
			(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instructio	ns before comple	ting this form
Parameter			JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	<b>(54-61)</b>		EX	OF '	TYPE
		AVERACE	NAME OF THE PARTY	Lypuma	 	11155 4 65		151155	(40.40)	ANALYSIS	((0.70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Measurement	*	+	j	**	**	**			**	**
Hydrazine	Permit Requirement		•		NOT DET	I ECTABLE USING AS	TM D-1385	MG/L	•	1/WEEK	GRAB
	Sample Measurement	•	•		**	**	**			**	**
Ammonia	Permit Requirement	•	- •	1.	_	MONITOR A		MG/L		1/WEEK	GRAB
	Sample Measurement	•	*		40.01	40.01	۵.0۱			2/31	GRAB
Phenois	Permit Requirement	*				MONITOR AI		MG/L	*	2/MONTH	GRAB
	Sample Measurement			<u> </u>	•	0.30	0.43			2/3(	GLAB
Iron	Permit Requirement	*		1 .		MONITOR A	<del></del>	MG/L	* .	2/MONTH	GRAB
	Sample Measurement	•	*		0.08	0.15	0. Z3	NIO/E		2/31	GLAB
Aluminum	Permit Requirement	*	•	•		MONITOR A	7	MG/L	, .	2/MONTH	GRAB
-	Sample Measurement	*	_ •		8.01	*	8,40	INIOID	0	1/7	GLAB
pH	Permit Requirement	•			60	- ; -	90 :	s.u.		IWEEK	GRAB
	Sample Measurement	*			•	*	*			*	*
	Permit Requirement	2 g •	* * ***	1.	v18	202 * 27	1 Burn	·	9 * %	- 3	>
NAME/TITLE PRINCIPAL EXECUTION OFFICER  SOCIAL W. U.S.	UTIVE I CERTIFY WITH THE INDIVIDUA	UNDER PENALTY OF LAW THE INFORMATION SUBMITTEE LS IMMEDIATELY RESPONS	D HEREIN AND BASED ON IBLE FOR OBTAINING THE I	MY INQUIR	AM FAMILIAR Y OF THOSE	. \-		TELEPHON		<del></del>	ATE

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

LEMISTER MANAGE

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page I of

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NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319.

TYPE OR PRINT

(Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

## HYDRAZINE AND AMMONIA MONITORING ONLY APPLY DURING WETLAY-UP. PLANTWAS NOT IN WET LAY-UP IN AUGUST 2002.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy Nuclear Operating Company			Jan (2.	16)		(17-19)					
ADDRESS: 76 South M			- PA00			102					
Akron, OH	44308		PERMIT			· DISCHARGE	NUMBER				
			-	1	MONITORING P						
FACILITY: Beaver Val					AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0		al	02 08	3(				-41 41-1- <b>6</b>
			(20-21) (22-2		1-25)	(26-27) (28-29	<u> </u>	NOTE: Rea		ns before compl	
Parameter			ANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)	Ì	(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF . ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)_	(64-68)	(69-70)
· · · · · · · · · · · · · · · · · · ·	Sample Measurement	20.001	حه.001		*	•	*			2/31	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	*	*	*			2/MONTH	ESTIMATE
	Sample Measurement	•	•		*	S,S	6.0		0	2/31	GEAB
_Suspended Solids	Permit Requirement		*	• -	*	30	10Õ =	MG/L	*	2/MONTH	GRAB
	Sample Measurement	•	*		*	45.0	L5.0		0	2/31	GLAB
Oil and Grease	Permit Requirement	•	*	•	*	15	20	MG/L	• •	2/MONTH	· GRAB
	Sample Measurement	•	•		7.86	*	7.90		0	731	GRAB
рН	Permit Requirement	•	+	*	60	•	9.0	S U.		· 2/MONTH -	GRAB
	Sample Measurement	•	•		. •	*	•			•	
	Permit Requirement		•	•	•	* ''	•	*		1 E	*
	Sample Measurement	•		-	*	*	- *	-			
	Permit Requirement	. •	<b>`</b> ≱*\}	•	•	•		•	. 🖟	18.3	₹ . •
•	Sample Measurement	•	•		•	•	•			*	
	Permit Requirement	· 3	A 18 18		ج يو	15 mgs   # 15	。	•		<b>金融</b>	•
NAME/TITLE PRINCIPAL EXEC		UNDER PENALTY OF LAW THA						TELEPHON	NE	[	DATE
OFFICER	WITH THE	INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI		-		$\wedge$	j			.	
JOSEPH W. VEN	THE SUBM	ITTED INFORMATION IS TRU				1/2 1. 11 /	<b>,</b>			l ;	1
CHEMISTON MAN	THERE ARE SIGNIFICANT PENALTIES FOR					LIMM(V)/	1724	682-5	51 <i>1</i> 2	02 0	MO DAY
TYPE OR PRINT	TYPE OR PRINT (Penalties under these statutes may i				maximum SIGN	ATURE OF PRINCEPAL EX					MO DAY
COMMENT AND EXPL		ent of between 6 months an NY VIOLATIONS (F		nents here)		FICER OR AUTHORIZED	AGENT CODE	· NUM	BEK	<del></del>	l
				,		<b>\</b> /					

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Page 1 of 1

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NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 32-DISCHARGE MONITORING REPORT (DMR)

	y Nuclear Operati	ing Company	(2-	16)		(17-19	9)				
ADDRESS: 76 South N			PA00			002				•	
Akron, OH	44308		PERMIT			DISCHARGE				•	
					MONITORING P		· · · · · ·				
FACILITY: Beaver Va					AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	ort Borough, Beav	er County	(20-21) (22-		3 \ 1-25)	(26-27) (28-29		NOTE: Read	instruction	ns before compl	eting this form
Parameter	1	(3 Card Only) QU	ANTITY OR LOADI		(4 Card Only)	QUALITY OR CONC		,	NO.	FREQUENCY	SAMPLE
(32-37)	1	(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
	ļ	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	Analysis (64-68)	(69-70)
	Sample Measurement	0.006	0.046		*	•	٠		•	1/7	EST
Flow	Permit Requirement	-,	ND REPORT	MGD	•	š ~g. '*	. •26g 8		1900年55	TWEEK	ESTIMATE
	Sample Measurement	•	*		*		*			•	• •
	Permit Requirement	•		.	•	*	* 4. A. A.	•	eft Je	Trust Burn	
	Sample Measurement	•	•		+	*	*			•	*
	Permit Requirement	• -	· , * ; ; ; ; ; ;	•	<b>*</b> ₹ * **	4. 7 . 4.	*A 2 37	*	, et	、香味香.	<i>\$</i> ∗
	Sample Measurement		*		*	*	•			•	
•	Permit Requirement		1. 美数型	•		• ′	ં ∗હ કે હૈ	*	* :	かず数の	ni •
	Sample Measurement	•	•	[	+	*	*			*	•
	Permit Requirement	12 (	20 3 4 34	٠	* 48 C	22 5 €27 5	خ الله الله الله الله الله الله الله الل	*		THE STATE OF	₹ .
	Sample Measurement	*	•		*	*	•			*	*
	Permit Requirement	1 1	1 \$ 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	٠	* 1 5	歩 写・ ご		*			; *
·	Sample Measurement	*			*	*	•			*	*
	Permit Requirement		·清 李素分析	•		1 m		•			
NAME/TITLE PRINCIPAL EXEC OFFICER	WITH THE	UNDER PENALTY OF LAW THE INFORMATION SUBMITTED	HEREIN AND BASED ON	MY INQUIRY	OF THOSE	L		TELEPHON	E	I	DATE
Joseph W. Val	THE SUBMI	LS IMMEDIATELY RESPONSI			1 (1	1				-	
CHEMISTER MAIN	THERE ARE	SIGNIFICANT PENALTIES FO	R SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	an w. Non.	724	682-51	(3	0	09 27
TYPE OR PRINT	(Penalties	Y OF FINE AND IMPRISONM under these statutes may	includes fines up to \$10	0,000 and or	maximum SIGN		CECUTIVE AREA				09   27 MO   DAY
COMMENT AND EVE		ent of between 6 months ar			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	FICER OR AUTHORIZED	AGENT CODE	NUME	BER		
COMMENT AND EXPL	ANATION OF A	NI VIOLATIONS (I	Keierence all attachm	ients nere)	V				•		

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Page 1 of 1

PERMITTEE NAME ADDRESS (Include
Facility Name / Location)

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Ener	rgy Nuclear Opera	ting Company	· C	2-16)		(17-1	10)				
ADDRESS: 76 South	Main Street			025615		10:					
Akron, O	H 44308			NUMBER	₹	DISCHARGE					
EACH ITTLE	_	-			MONITORING	PERIOD	NUMBER				
FACILITY: Beaver V	alley Power Statio	n FRO	OM YEAR N		DAY TO		<u> </u>				
LOCATION: Shipping	oort Borough, Bea	ver County		8 6							
					24-25)	02 0					
Parameter		(3 Card Only) O				(26-27) (28-2		NOTE: Rea	d instruction	ons before comp	leting this form
(32-37)	1	(46-53)	UANTITY OR LOAD (54-61)	ING	(4 Card Only)	QUALITY OR CON-			NO.	FREQUENCY	SAMPLE
	ŀ	(10 00)	(34-01)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVEDAGE	T	· · · · · · · · · · · · · · · · · · ·	]	ANALYSIS	
	Sample Measurement	0.011	0.076	- Civilia	IMINIMINI	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
Flow	Permit			_	•	*	•	]	l	3/31	Mens
Flow	Requirement	MONITOR A	AND REPORT	MGD		, •	-	1 .		j /	
1	Sample Measurement	•				. <u></u>	ļ	<del>                                     </del>	*	2/MONTH	ESTIMATE
Suspended Solid	Permit			-	*	7.1	9.5	_ <b>!</b>		2/31	24 HOUR
Suspended Stilld	Requirement Sample	•			*	30	100 .	MG/L	*	, ,	24 HOUR
1	Measurement	•			6.94			MO/L		2/MONTH	COMPOSITE
рН	Permit			-	<b>6.17</b>	*	7.45	1	0	2/31	GLAS
	Requirement - Sample	*	*	*	60	•	9.0	S.U	*		
j	Measurement	•	•		*			3.0		2/MONTH	GRAB
	Permit Requirement -	•		1 1		•	*.			*	*
	Sample	•	*	*	+	• •	•		*	•	
	Measurement	• -			•	٠	•				
'	Permit Requirement	• •	*	1.1		***************************************		1 1		*	*
	Sample			<del> </del>		· • • • • • • • • • • • • • • • • • • •	* .	*			
	Measurement Permit			[		•	•	- 1		*	
	Requirement	•	• •			Angele Committee	è	}			·
1	Sample Measurement				· · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * * *	• •	*	*	* ,	•
	Permit		•		*	+		1			*
NAME/TITLE PRINCIPAL EXEC	Requirement		<b>⊎</b> ,		* 2 10	<b>感色 新石</b>	S . ( # 1 )		*	~ · · · · · ·	
OFFICER	31/27/ 77/2	NDER PENALTY OF LAW THA	IT I HAVE PERSONALLY EXA	MINED AND AN	1 FAMILIAR	——————————————————————————————————————		TELEPHONE			*
JOSEPH W. VO	DIVIDUAL.	INFORMATION SUBMITTED S IMMEDIATELY RESPONSIB	HEREIN AND BASED ON	MY INQUIRY	OF THOSE				´	, u	ATE
		TEU INFURMATION IS TRUE	E. ACCURATE AND COMPLE	TE   1 114 477		-					
CHEMISTER MAIN	A	NUMBER OF THE PROPERTY OF THE	SCHMITTING BALLET RIBANA	/ 1 TO ALL		WKU Alan -				1 1	
TYPE OR PRINT	POSSIBILITY	OF FIRE AND IMPRISONM	ENT SEE IS HEC SION!	43ID 22 THE			724	68z -:	5112	02 0	7 77
	imprisonme	ntock these statutes may	includes fines up to \$10,	000 and or	maximum / SIGNAT	TURE OF PRINCIPAL EX	ECUTIVE AREA	<u> </u>			9 27 10 DAY
COMMENT AND EXPLA	NATION OF AN	Y VIOLATIONS OF	oforono oli otto		\	CER OR AUTHORIZED A	GENT CODE	NUMBE	er	. LAK   N	IO DAY
	A THE STATE OF THE	FIODATIONS (K	ererence all attachme	ents here)	V	•	•	-			

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

· uciniy mame / Eccanon,	<b>,</b>		; 2.01	J11.11.U.D			•				
NAME: First Energ	y Nuclear Operation	ng Company		16)	-5	(17-19	9)				
ADDRESS: 76 South M	Main Street		PA00	25615		203					
Akron, OH	44308	<del></del>	PERMIT	NUMBER		DISCHARGE					
		<del></del>		MONITORING PERIOD							
FACILITY: Beaver Va	lley Power Station	n FROM	M YEAR M	O D	AY TO	YEAR MO	DAY				
LOCATION: Shippingp			02 0	3 (	2(	02 08	3 3				
	<b></b>	<del></del>	(20-21) (22-23) (24-25)			(26-27) (28-29	(30-31)	NOTE: Read	d instruction	ns before comple	ting this form
Parameter	_		ANTITY OR LOADING		(4 Card Only)	QUALITY OR CONC (46-53)	ENTRATION (54-61)	2	NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-37)	1	(4653)	(54-61)		(38-45)	(40-33)	. (34-01)		LA	ANALYSIS	
	1	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.00%				_ #	*		0	1/7	MEAS
Flow	Permit Requirement	0 023	*	MGD	•			•		1/WEEK	MEASURED
	Sample Measurement	*	*		*	2.4	2.8		0	2/31	SHE 8 HOUR
CBOD-5 Day	Permit Requirement	*	*	•	*	25	50	MG/L	•	2/MONTH	I COMPOSITE I
	Sample Measurement	•	•		•	19.9	24.2		0	2/31	- 8 HOUR COMPOSITE
Suspended Solids	Permit Requirement	•		*	•	30	60	MG/L	+	2/MONTH	
	Sample Measurement	•	*		•	0.33	0.SA		0	2/31	GRAB
Total Residual Chlorine	Permit Requirement		•		•	1.4	INST MAX 3 3	MG/L	*	2/MONTH	GRAB
Fecal Coliform	Sample Measurement	*	*		•	4.9	7.0		0	431	GRAB
May 1 to Sep 30 Oct 1 to Apr 30	Permit Requirement	• •		*	• •	200 2000 - · ·	1000	#/100 ML	٠.	2/MONTH	· GRAB
-	Sample Measurement	•	•		7.73		8.01		0	431	GEAB
pH '	Permit Requirement			•	60	**	90 : 3	S.U	· · · · •	2/MONTH_	- GRAB
	Sample Measurement	•	•				*				•
	Permit Requirement	• 13	* * * * *		. •	9, <b>*</b> € ₹ 2	1	•	*	5. 数量是	•
JOSEPH W. VEN	TELEPHONE  I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR  WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR 0 BTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT										
CHEMISTRY MAN	THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. \$1001 AND 33 U.S.C. \$1319.										

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

TYPE OR PRINT

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

Page 1 of 1

YEAR

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

First Energy Nuclear Operating Company

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

천물(1**7-19**)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(2-16)

WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

ADDRESS: 76 South Main Street			PA00	PA0025615		303				•	
Akron, OH	I 44308		PERMIT	NUMBER		DISCHARGE 1	NUMBER				
					MONITORING P	ERIOD .					••
FACILITY: Beaver Va	lley Power Station	· FRO	M YEAR M	0 [	AY TO	YEAR MO	DAY	•			
LOCATION: Shippingp	ort Borough, Beav	er County	02 0	3 (	$\overline{\mathbf{x}}$	02 08	31			•	
		<del></del>	(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instruction	ns before comple	ting this form
Parameter (32-37)		(3 Card Only) QL (4653)	JANTITY OR LOAD! (54-61)	ING	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.019	0.056	İ	*	•	*			47	EST
Flow	Permit Requirement	1	ND REPORT	MGD	*	•	*			I/WEEK	ESTIMATE
	Sample Measurement	•	*		*	S.S	6.3		0	1/1	GRAB
Suspended Solids	Permit Requirement	•	•	1.	*	30	100	MG/L_	•	1/WEEK	GRAB
	Sample Measurement	•			*	LS.0	5.0		0	1/7	GEAB
Oil and Grease	Permit Requirement	•	•	1 .	+	15	20	MG/L	*	1/WEEK	GRAB
	Sample Measurement	•	•		7.28	•	7.53.		0	1/7	Gens
рН	Permit Requirement	•	*	7 .	60	•	. 90	S.U	*	i/WEEK_	GRAB
	Sample Measurement	•			•	*	•				*
	Permit Requirement	*	*	•		*	*	*	•	•	•
	Sample Measurement	•	4		٠	•				•	•
	Permit Requirement	*	* Å *	7 .	•4.8	•	***			*	**
	Sample Measurement		•						;	*	
	Permit Requirement	•	•	1 .	\$ P	*** ** **		• .	1 + "c.	**	*
NAME/TITLE PRINCIPAL EXE	CUTIVE I CERTIFY	UNDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EX	AMINED AND	AM FAMILIAR			TELEPHON	VE .		ATE

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

.. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

· Page 1 of 1

NUMBER

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	•

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Facility Name / Location)	acility Name / Location)  DISCHARGE MONITORING REPORT (DMR)										
	Nuclear Operation	ng Company	ž 12- (2-			<u>्र</u>	9)	•			
ADDRESS: 76 South M	ain Street		PA002			403		, -			
Akron, OH	44308		PERMIT 1			DISCHARGE		Nb	DISCHAR	GE.	
					MONITORING P	ERIOD ·	· -		. ,	<b>*</b> (= = ( ) )	~ •
FACILITY: Beaver Vall					AY TO	YEAR MO				•	
LOCATION: Shippingpo	rt Borough, Beav	er County	02- 00		70	02 08		٠.			
		•	(20-21) (22-2	23) (2	4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d instruction	ons before comple	ting this form
Parameter		(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)	•	EX	OF '	TYPE
`					,				(00 (0)	ANALYSIS	((0.70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Measurement				•		•				
Flow	Permit . 35 Requirement \$2	MONITOR A	ND REPORT	MGD	<b>有一些数许多</b>	处策(4)	以 二級政策	٠		Meek	ESTIMATE
	Sample Measurement	*	*		- •			-	-		_
Suspended Solids	Permit	100 mm	·通》名图300	₩,	1,312	30° 31'	100	MG/L		WEEK .	GRAB
	Sample	•	*	·		30			4.7,0.0		
	Measurement Permit -				<b></b>	89 82 197	* Jen-19 1 00		T. V.C	Children and with a	<u></u>
Oil and Grease	Requirement 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	最初最初的	*	१ है है	第一张 15 子	200 教徒	MG/L	1.00	2-1/week	GRAB -
	Sample Measurement	•	*								
Hydrazine	Permit Requirement		部 海 海 電	*	NOT DETI	ECTABLE USING AS	TM D-1385	MG/L	高麗.	WEEK *	GRAB
	Sample Measurement	<b>+</b>	*		*						
Ammonia	Permit Requirement 4	# #	衛 美美樂		194 mg 1 mg	MONITOR A	ND REPORT	MG/L ·	30) * \$140 60 400	WEEK	GRAB
	Sample Measurement	•	*								
Total Residual Chlorine	Permit . Requirement :	-	第二篇49.38			0.5	INSTANT-MAXO	MG/L	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1/WEEK	CRAB
· ·	Sample				*	0.3 . 1	1.23) 444 4	. MOID	1	1 4m CDR	O.O.D
	Measurement Permit		48- 5 24 1363	•		. V	1 20 20 30 100	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F-36WHEN-1	· · 24 HOUR
Clamtrol (CT-1)	Requirement 🐨	3 * 3 T	京 が 明 は 「 所 ・	*	等之意。	NOT DETE	CTABLE	MG/L .	第15	DISCHARGE	-COMPOSITE
NAME/TITLE PRINCIPAL EXECT	4		at I have personally exa		1			TELEPHON	1E	.  D	ATE
OFFICER			HEREIN AND BASED ON							1	
Joseph W. Venis	THE SUBMI		ible for o btaining the in Je, accurate and comple			۱ ۱	. ' .				
C	1		R SUBMITTING FALSE INFOR			1 My Men	701	(00.5	2: (-	1 00 1	a   77
CHEMISTRY MONEY	POSSIBILITY		MENT SEE 18 U.S.C. \$1001			2014 10		<u>682</u> -<	<u>と比く</u>	02 0	
TYPE OR PRINT	(Penalties	under these statutes may	includes fines up to \$10	,000 and or	maximum SIGNA	TURE OF PRINCIPAL EX	CODE	NII D 401	CD.	YEAR I	MO DAY
COMMENT AND EVEL	imprisonment of between 6 months and 5 years)  OFFICER OR AUTHORIZED AGENT CODE NUMBER  JENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 76 South M	ADDRESS: 76 South Main Street Akron, OH 44308		PA00	(2-16) PA0025615 PERMIT NUMBER MONITO		(17-19) 403 DISCHARGE NUMBER PERIOD		No DISCHARGE			6E
FACILITY: Beaver Vali LOCATION: Shippingpo		FROM FROM	YEAR M (20-21) (22-	0 D	AY TO	YEAR MO (26-27) (28-29)	<u> </u>	NOTE: Read		ns before compl	
Parameter (32-37)		(3 Card Only) QUA (4653)	(54-61)	ING	(4 Card Only) (38-45)	Quality or Conci (46-53)	(54-61)		NO. EX	FREQUENCY' OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement		•			•					
Betz DT-I	Permit Requirement	ŧ	*	*		•	35 0	MG/L	•	WHEN DISCHARGE	24 HOUR COMPOSITE
	Sample Measurement	•	*	_		*		;	ļ		
рН	Permit Requirement	*		*	60	•	. 9.0	S.U.	*	1/WEEK	GRAB
	Sample Measurement	•	•	_			•	•			•
	Permit Requirement	·li	•	•	*	. *	• ′	*	•		*
	Sample Measurement	+			- •	*	*			*	*
	Permit Requirement	•	*	•			• •	*		•	٠, ٠
	Sample Measurement	•	•		*	•			<u>'</u>	* -	. •
	Permit Requirement			*	•	· ·	- • e <sup>7</sup> ∴	•		7.7	•
	Sample Measurement	•	, <b>+</b>		+	•	*			*	
<b>.</b>	Permit : Requirement	•	*	- *	. * .5	* * * * * * * * * * * * * * * * * * * *	が、		* * * *	·* ·* ·	*
	Sample Measurement	•			• .	•				<u> </u>	*
	Permit Requirement		•	1 .	- •	•			* 1		
NAME/TITLE PRINCIPAL EXEC OFFICER  JCS CPH W. VEN  CHEMISTIX MAN  TYPE OR PRINT	WITH THE INDIVIDUA THE SUBM THERE ARE POSSIBILITY	UNDER PENALTY OF LAW THA INFORMATION SUBMITTED LS IMMEDIATELY RESPONSIB ITTED INFORMATION IS TRUI SIGNIFICANT PENALTIES FOR Y OF FINE AND IMPRISONM UNDER THESE STATUTES TORY	HEREIN AND BASED ON ELE FOR OBTAINING THE I E, ACCURATE AND COMPI SUBMITTING FALSE INFO ENT SEE 18 U.S.C. §100	N MY INQUIR' INFORMATION LETE. I AM A RMATION. INC )1 AND 33 U	Y OF THOSE AWARE THAT CLUDING THE US C. §1319	Juliun Deg	724	TELEPHON	<u> </u>	02 t	DATE  DATE  DATE  DAY
COMMENT AND EVEL	imprisonn	ent of between 6 months an	d 5 years)	•	OF	FICER OR AUTHORIZED		NUM	BER		

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 2 of 2

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	•

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy Nuclear Operating Company		- 2	(2-16)			· 44	1
ADDRESS: 76 South Main Street	·	<u>`</u>	PA002561	5	1		-
Akron, OH 44308	· .	PER	MUN TIME	IBER	1	DISCH	ī
				MONIT	ORING PI	ERIOD	
FACILITY: Beaver Valley Power Station	FROM	YEAR	МО	DAY	TO	YEAR	٢
LOCATION: Shippingson Bassish Bassis County	'			7	1		~

ER	MIT NUM	BER		DISCH	ARGE NU	MBER	]		
		MONIT	ORING P	ERIOD		,	1		
	MO	DAY	TO	YEAR	МО	DAY			
$\exists$	Œ	· 61		07	<b>CS</b> -	31	]		•
	(22-23)	(24-25)	-	(26-27)	(28-29)	(30-31)	NOTE:	Read Instruction	ns before completin

			(20-21) (22-2	23) (2	4-25)	(26-27) (28-29	(30 <del>-</del> 31)	NOTE: Rea	d Instruction	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) - QU (4653)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)	**	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	- MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	O.038	0.144		•	*	• "			7/31	EST
Flow	Permit G Requirement B	MONITOR A	ND REPORT	MGD	於。遊遊,孫	金額、小きご	事品 安徽清楚	•	小路里	2MONTH 1	ESTIMATE
	Sample Measurement	*	•		•	0.22	0.25		-	7/31	GRAB
Iron	Permit Requirement	Se the second	はの表現の機	* * .	類 部隊 議	MONITOR A	ND REPORT	MG/L	400	2/MONTH	GRAB
	Sample Measurement	*	•	1		0.08	0.09			2/31	GRAB
Aluminum	Requirement ?	and the second		*	學之為為原語	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	•	•	•	• •	20.01	۱ <i>ن</i> .۵۵		•	2/3	GEAB
Phenois	Permit Requirement	* *		• /	いた。	MONITOR A	ND REPORT	MG/L		2/MONTH	GRAB
	Sample Measurement	•	•		*	2.6	4.0	,		2/31	GRAB
Nitrate-Nitrite	Permit Requirement **	1 · 40 ·	or News	• ,	"一样"。蒙特的	MONITOR A	NO REPORT	MG/L	高額を	-2/MONTH	GRAB.
	Sample Measurement				*	0.43	0.80			2/31	GRAB
Phosphorus	Permit Requirement	25 × 6 5 3	· 学 · 爱爱 · 英	•	部の教養の行り	MONITOR A	ND REPORT	MG/L .		2/MONTH	GRAB
•	Sample Measurement -	•	•		•	*	. • -			•	. *
<del></del>	Permit	for the start	"武"、"震"等一定	•	許強は、	議案 學	另一個本學	" · *	が移れた	は野の歌な	STATES
NAME/TITLE PRINCIPAL EXEC OFFICER	1		AT I HAVE PERSONALLY EXAM HEREIN AND BASED ON				-	TELEPHON	E	E	ATE
JOSEPH W. VOUS	2 INDIVIDUAL	S IMMEDIATELY RESPONSI	ble for obtaining the in	FORMATION.	I BELIEVE \	۱، ،۱	. 1			'	
CHENISTEY MAN	THERE ARE	SIGNIFICANT PENALTIES FO	e, accurate and comple r submitting false infori	MATION. INC	LUDING THE.	Marially	724	7 d2		$\sim$	m   22
TYPE OR PRINT	POSSIBILITY (Penalties	OF FINE AND IMPRISONMUNDER these statutes may	TENT SEE 18 U.S.C. \$1001 includes fines up to \$10,	AND 33 U.	s.c. §1319. SIGNA	TURE OF PRINCIPAL EX		682-5	п <del>э     </del>	YEAR C	<u> </u>
COMMENT AND EVEL	imprisonme	int of between 6 months an	d 5 years)		l OFF	ICER OR AUTHORIZED		NUME	ER		
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

I dentify traine / Document	/		Disc	JIMNGE	MONITORING	RELOKI (DIIIK)						
374375		_				- £145	•					
	y Nuclear Operati	ng Company		16)		(17-19	<del>)</del> )					
ADDRESS: 76 South N			PA00	25615		004						
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER					
					MONITORING P	ERIOD						
FACILITY: Beaver Va	alley Power Station	n FRO	M YEAR M	0 D	AY TO	YEAR MO DAY						
LOCATION: Shippingp			02 0		10	02 08	3					
<del></del>		<del></del>	(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d Instruction	ns before comple	ting this form	
Parameter	1	(3 Card Only) OU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY,	SAMPLE	
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	. (54-61)		EX	OF	TYPE	
ľ					· · · · ·				j	ANALYSIS		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
	Sample Measurement	2.09	2.31	ł						1/7	MERS	
Flow	Permit Requirement		ND REPORT	MGD	* '	. * .	•	•	*	1/WEEK	MEASURED	
	Sample Measurement	•				0.09	0.12		0	1/1	GRAB	
Free Available Chlorine	Permit Requirement	*		•	•	AVG CONC	MAX CONC -	MG/L	*	1/WEEK	GRAB	
	Sample Measurement	•	•			0.18	0.24		0	1/1	GRAB	
Total Residual Chlorine	Permit Requirement	• •	•	1.		0.5 '	1.25	MG/L		1/WEEK	GRAB	
	Sample Measurement	•	•		•	0.24	٠			2/31	GEAB	
Iron ·	Permit Requirement	•	•	1.		MONITOR A	ND REPORT	MG/L	•	2/MONTH	GRAB	
	Sample Measurement	•	*		*	0.15	0.29			2/31	GRAS	
Aluminum	Permit Requirement	•	. •	* -		MONITORA	ND REPORT	MG/L		2/MONTH:	GRAB	
	Sample Measurement	•	•		•	LO.01	20.01			7/31	GRAB	
Phenols ,	Permit Requirement	*/,	* * %	• •	\	MONITOR A	ND REPORT 🤨 🐮	MG/L	ž, # 4	2/MONTH	GRAB	
	Sample Measurement	•	•		•	* * *	- ,.		••			
Chromium	Permit - Requirement		* .	•	£	- 李号2 景景	· 02 · · ·	mg/l	3	2/YEAR		
NAME/TITLE PRINCIPAL EXE	CUTIVE I CERTIFY	under penalty of Law th	at I have personally ex	amined and A	am familiar			TELEPHON	ΛE	, L	DATE	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

JOSEPH W. VOYZON

HEMICYN MALACOR TYPE OR PRINT

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

Individuals immediately responsible for 0 bearing the information. I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information. Including the

possibility of fine and imprisonment see 18 U.S.C. §1001 and 33 U.S.C. §1319.

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

imprisonment of between 6 months and 5 years)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	

Facility Name / Location)  NATIONAL POLLUTANT DISCHARGE ELIMINATION STSTEM (NY DES						EM (NEDES)			•		
NAME: First Energy ADDRESS: 76 South M Akron, OH		ng Company		16) 25615 NUMBER		(17-19 004 (CO) DISCHARGE Y	VT)				
CACHITY. Dame Val	1 D St.et	n FRO	M YEAR M		MONITORING P OAY TO	ERIOD YEAR MO	DAY	•			
FACILITY: Beaver Val LOCATION: Shippingpo	ley Power Station ort Borough, Beav		$ \begin{array}{c cccc} NI & IEAR & IM \\ \hline O2 & C \\ \hline (20-21) & (22-21) \end{array} $	ष्ठ ८	<del>10</del> 10 <del>14-25)</del>	OZ	31	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) QU (4653)	JANTITY OR LOAD (54-61)	ING .	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*			*				<u></u>		
Zinc	Permit Requirement	*	•	•	•	10	1.0	MG/L	· •	2/YEAR	GRAB
	Sample Measurement	•	*		8.22	*	8,38			1/7	GLAB
ρН	Permit Requirement	•	• •	1 .	60		9.0	S.U.		1/WEEK	GRAB
<u>y</u>	Sample Measurement	*			•	• .	*				
	Permit Requirement	*		1.	•		*	1 .	*		
	Sample Measurement	. •		-		*			T .	•	
	Permit	•	•	┪.	•		, • '.	1.	*		*
<del></del>	Requirement Sample	•	*			•				*	
	Measurement Permit		•	┥.		7.					
	Requirement Sample		•	1	•		•		1		
	Measurement Permit			┪.		1,1 1 1 2		1 .		*	
	Requirement Sample	•		<del>                                     </del>			1	1	1		· .
	Measurement Permit	•	-	1 .	- 11	**************************************	1y 4 2 2	1.			
NAME/TITLE PRINCIPAL EXEC	Requirement		HAT I HAVE PERSONALLY EX	AMINED AND	*		7, •/ 2 3	TELEPHO	: * NE		DATE
COMMENT AND EXPL	WITH THE INDIVIDUA THE SUBM THERE ARI POSSIBILIT (Penalties imprisonn	INFORMATION SUBMITTE LS IMMEDIATELY RESPONS ITTED INFORMATION IS TR E SIGNIFICANT PENALTIES F Y OF FINE AND IMPRISON under these statutes ma nent of between 6 months a	ID HEREIN AND BASED OF SIBLE FOR OBTAINING THE RULE, ACCURATE AND COMPOUNT OF ALSE INFO MENT SEE 18 U.S.C. §10 by includes fines up to \$1 and 5 years)	N MY INQUIR INFORMATION LETE. I AM A RMATION. IN 01 AND 33 U 0,000 and or	Y OF THOSE I BELIEVE AWARE THAT CLUDING THE U.S.C. \$1319. The maximum SIGN OF	MAN NS ATURE OF PRINCIPAL EX	RECUTIVE AREA CODE	682-	<u> 5113</u>		27 DAY

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used. (REPLACES EPA FORM-T-40 WHICH MAY NOT BE USED) . PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006. NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006\_

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

:	•					• • •				•	
	y Nuclear Operati	ng Company	ಭೂಷ,(2 <b>-</b>	16)		(17-1	9)	*		•	
ADDRESS: 76 South N		·	' PA00	25615		006	•	. 1	_		
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER	No	o Dis	SCHARCE	₹
					MONITORING P						
FACILITY: Beaver Va					AY TO	YEAR MO					,
LOCATION: Shippingp	ort Borough, Beav	er County	02 0			02 08					•
			(20-21) (22-		4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d Instructio	ns before compl	
Parameter (32-37)		(3 Card Only) Q1 (4653)	UANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONG (46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement				•	*	*				
Flow	Permit Requirement	· MONITOR A	ND REPORT	MGD			* ,	•	~~•	~1/WEEK	ESTIMATE
	Sample Measurement	•	•		*	•	•	***************************************		+	•
	Permit Requirement -	+	9 5 <b>*</b> 5 ×		•	+		•		200 200 (100 per )	
	Sample Measurement	*	•		• _	*	•				•
	Permit Requirement	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	ર્ડ•્ડ જે	r ya ∎"a	*35,5	•		· . 2 · >·	٠ .
	Sample Measurement	+	*		٠	*	*			*	*
	Permit Requirement	ı, •		•		•	#3 (N.Q.)	•	- 4		*
	Sample Measurement	•	*		•	•	*			٠	•
	Permit Requirement >	. 14 <sub>*</sub> - 2	* 1	*	***		. *** (E		1 1 1	······································	*
	Sample Measurement	+			+	*	*			*	•
	Permit Requirement		100000 1985年 1980日	*	· .* 3	1 % #	1. 一种经验	*	2.814 . 4	the state of	*
•	Sample Measurement	*	•		*	*	*			*	*
	Permit - Requirement -		南 軍權工官	•		να ± ξ	在 在海 电二	•	a dept the		
NAME/TITLE PRINCIPAL EXECUTION OF THE PRINCIPAL	WITH THE INDIVIDUAL	INFORMATION SUBMITTED S IMMEDIATELY RESPONSE	AT I HAVE PERSONALLY EXA D HEREIN AND BASED ON IBLE FOR OBTAINING THE IN JE, ACCURATE AND COMPLI	MY INQUIRY	OF THOSE	\		TELEPHON	ΙE	Ē	PATE
CHEMISTEN MANN TYPE OR PRINT	THERE ARE POSSIBILITY (Penalties Imprisonme	SIGNIFICANT PENALTIES FO OF FINE AND IMPRISONA under these statutes may ent of between 6 months ar	OR SUBMITTING FALSE INFORMENT SEE 18 U.S.C. §1001 MENT SEE 18 U.S.C. §1001 MICHAEL INFORMET MICHAEL	MATION. INC AND 33 U., ,000 and or	S.C. §1319.  maximum SIGNA	TURE OF PRINCIPAL EX LICER OR AUTHORIZED	KECUTIVE AREA	682- NUME			99 <u>27</u> DAY
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (	Reference all attachm	ents here)			_				

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	-

First Energy Nuclear Operating Company

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) · DISCHARGE MONITORING REPORT (DMR)

\_ (17-19)

*3*→ # (2-16)

ADDRESS: 76 South N	Main Street -	•	~ PA00			007			KI V.	COLL A D	سبسير ،
Akron, OH	I 44308	•	PERMIT	NUMBER	3	DISCHARGE	NUMBER	No DISCHARGE			
				MONITORING PERIOD '							
FACILITY: Beaver Va	alley Power Station	n FRO	M YEAR MO	O D	AY TO	YEAR MO	DAY				
LOCATION Shippingp			02 0		51	02 08	31				
-		<del></del>	(20-21) (22-2		1-25)	(26-27) (28-29) (30-31) NOTE: Read Ins				ns before compl	eting this form
Parameter	T	(3 Card Only) Ol	UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
					,					ANALYSIS	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	•			•		•		1		
Flow	Permit · Requirement	MONITORY	ND REPORT -	MGD	* ; *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*1, 3 25	•		I/WEEK	ESTIMATE
1104	Sample		1	IVIOD		•	, ,	•		71. WESIE	
	Measurement Permit	•	*		*		on 0.5			A 14' ( 1 ) 48' A	<del> </del>
Free Available Chlorine	Requirement	* (	Je	•	*	AVG CONC	MAX CONC	MG/L	18.5	i/week	GRAB
	Sample Measurement	•			•	-		-			
Total Residual Chlorine	Permit Requirement		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•		. 05	1.25	MG/L	• •	1/WEEK	GRAB
	Sample Measurement	•	•								
-	Permit				······································				4		
рН	Requirement Sample	* **	***	*	- 60		9.0	S U.	·	1/WEEK	GRAB
	Measurement		<b>*</b> .			*	+				*
	Permit Requirement		化乳 事情 化	•	., "•	1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•		S. W. B. S.	3400
,	Sample Measurement		•		•		<b>+</b> -	•		•	•
	Permit · · · Requirement	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	<b>河東 夏德 景</b>			5 72 1 3 3 3 3 T	1 经抵据费		~ <b>3</b>	7. C. 1887	<b>₹</b>
	Sample Measurement	*			4	-	•		•		
	Permit -	· 30	A 1 1 1 1 1 4 4			x 3.36 + 4 ··			<b>海</b> 河	- B	4. C.
NAME/TITLE PRINCIPAL EXEC	Requirement '			*	5	a (a),jb ▼ 6 3	2. 2. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	TELEPHON			DATE
OFFICER			AT I HAVE PERSONALLY EXA D HEREIN AND BASED ON					TELEFHON	·E	"	// I
			IBLE FOR OBTAINING THE IN			Λ 1				1	i
Joseph W. Val	THE SUBMI		UE, ACCURATE AND COMPLI			111				.	
CHAMISTRY MAN			or submitting false infor			Musuller	724	682-	cua l	02 0	39   Z7
TYPE OR PRINT		Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. \$1001	AND 33 U.	s.c. §1319						39   <u>Z7</u>   MO DAY
THEORPRINT		under these statutes may ent of between 6 months a	y includes fines up to \$10	,000 and or		DEFICER OF PRINCIPAL EX DEFICER OR AUTHORIZED		NUM	BER	LEAK	
COMMENT AND EXPL				ents here)		VOLK OK NOTHORIZED	VOCTAL   CODE	140111		•	

EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

₹acility Name / Locati	on)		DISC	CHARGE	MONITORING	REPORT (DMR)					
NAME: First Ene	ergy Nuclear Operati	ng Company	(2- (2-			(17-19 008	9)	•		-	
	OH 44308	<del></del>	PERMIT		<del></del>	DISCHARGE	NUMBER				
Akton, C	)N 44300		PERIVITI		MONITORING P		NUMBER	•		•	
ACILITY: Beaver V	Jalley Power Station	FRO	M YEAR M		DAY TO	YEAR MO	I. DAY				
OCATION: Shipping			02 08			02 05		•			
SOCITION, bilipping	port Dorough, Deav	Ci County	(20-21) (22-2		4-25)	(26-27) (28-29		NOTE: Rea	d Instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) Q1 (4653)	UANTITY OR LOADI (54-61)	•	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)			NO. EX	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample Measurement	40.001	40.001		*	•	*			1/7	EST
low	Permit Requirement	MONITOR A	AND REPORT	MGD	A. 1. 2.2 3	10000000000000000000000000000000000000		•		1/WEEK	ESTIMATÉ :
	Sample Measurement	•	•		•	6.7	7.3		0	2/31	GENB_
uspended Solids	Permit Reguirement	₹	\$ 17 Th	*	a . * \$ . \$	30:	100	MG/L	, ***	2/MONTH	GRAB
	Sample Measurement	•	•		•	45.0	45.0		0	7/31	GRAB
Oil and Grease	Permit Requirement	•		٠		F 15.	20	MG/L	- j.	2MONTH	GRAB '
	Sample Measurement	•	•		•	40.1	۷٥.۱		-	2/31	GRAB
Ummonia	Permit Requirement	. 1 · Y• /	* ***		- 大統	MONITOR A	ND REPORT	MG/L	<b>4</b> ·	2/MONTH	GRAB
	Sample Measurement	•	*	]	•	0.19	0.20		7	2/31	GRAB
ron tot	Permit Requirement		1 1 1 1			MONITOR A		MG/L		2/MONTH	GRAB '
	Sample Measurement		*			0,003	6.00A			7/31	GRAB
Muminum	Permit Requirement		<b>3</b> ‴ √ €	*	20 mg 12 mg	MONITOR A		MG/L	, V	2/MONTH	GRAB
	Sample Measurement	*	•		•	0.09	0.09			2/31	GRAB
1anganese_	Permit Requirement				1	MONITOR A	ND REPORT	MG/L		2MONTH	GRAB
AME/TITLE PRINCIPAL EX	WITH THE	INFORMATION SUBMITTED	IAT I HAVE PERSONALLY EXA D HEREIN AND BASED ON IBLE FOR OBTAINING THE I	MY INQUIR	Y OF THOSE		-	TELEPHON	NE .		DATE
JOSEPH W. VE	NECK THE SUBMI		UF ACCURATE AND COMPLE		1		$\int \Delta \Omega d$				l l

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

imprisonment of between 6 months and 5 years)
OMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

SIGNATURE OF ARINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006.

THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319.

(Penalties under these statutes may includes fines up to \$10,000 and or maximum

PERMITTEE	NAME	<b>ADDRESS</b>	(Include
<b>Facility Name</b>	/Locat	ion)	

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Facility Name / Location	ı)		DISC	CHARGE	MONITORING	REPORT (DMR)					
ADDRESS: 76 South N		ng Company	2 (2- PA00:	25615		. (17-19 008 (CO DISCHARGE	NT)				
Akron, OF	1 44308		PERMIT		MONITORING P		· ·				
FACILITY: Beaver Va	llev Power Station	FRO	M YEAR I · MO		AY TO	YEAR MO	DAY .			•	
LOCATION: Shippingp			02/0			02 08	3			48	
			(20-21) (22-2	23) (2	4-25)	(26-27) (28-29	(30-31)	NOTE: Rea	d instructio	ns before compl	eting this form
Parameter (32-37)		(3 Card Only) QL (46-53)	JANTITY OR LOADI (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	<u> </u>	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	*	•		*	40.01	20.01	•		2/31	GRAB
Phenois	Permit Requirement	EST TO THE			-4. E 18	MONITORA	ND REPORT	MG/L	1	2/MONTH	GRAB
	Sample Measurement	•	•		•	0.068	0.074		•	2/31	GRAS
Zinc	Requirement	The state of the s	一、 学数二条	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MONITORA	ND REPORT	MG/L			GRAB
	Sample Measurement	•			•	. n.s	18.0	-		2/31	GRAB
Color	Permit Requirement	7	· · · · · · · · · · · · · · · · · · ·		***	MONITOR A		UNITS	34	2/MONTH	GRAB
	Sample Measurement	•			8.∞		8.10		0	431	GLAB
эН	Permit Requirement	G € . (** .			60	定证44. 意义	9.0	s.u.	. 7	2/MONTH	GRAB
	Sample Measurement	•			•	*	•				
	Permit Requirement	· · · · · · · · · · ·	3 100		* > * x * . * \$	<b>深港江南市</b>	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•	3 400	5,2% · 4 ·	G
	Sample Measurement		*		•					*	
	Permit Requirement		; <del>,</del> , , , , , , , , , , , , , , , , , ,		•	11/11/11/11	C. 154 HW	•		Suppression of the second	-2.
*	Sample Measurement		•		•				<u> </u>	*	
	Permit Requirement	Charge .	* * * *			11 3 4 4 5 3 6 1	私"。持續機能	. •		1. 1000 1.	•
TAMETITLE PRINCIPAL EXECUTIVE OF PRINT	CUTIVE I CERTIFY WITH THE INDIVIDUA THE SUBM THERE ARE POSSIBILITY POSSIBILITY	UNDER PENALTY OF LAW TH INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI ITTED INFORMATION IS TRU ESIGNIFICANT PENALTIES FO Y OF FINE AND IMPRISON	AT I HAVE PERSONALLY EXA D HEREIN AND BASED ON IBLE FOR OBTAINING THE IN UE, ACCURATE AND COMPLE OR SUBMITTING FALSE INFOR MENT SEE 18 U.S.C. §100	MY INQUIRY NFORMATION. ETE. I AM A MATION. INC I AND 33 U	M FAMILIAR OF THOSE I BELIEVE WARE THAT LUDDING THE S.C. §1319	mold) del	for era 724	TELEPHON		02	DATE 27 MO DAY
	imprisonm	under these statutes may sent of between 6 months as	nd 5 years)		<b>O</b> F	ATURE OF PRINCIPAL EX FICER OR AUTHORIZED		NUM	BER	IEAR	DAI
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (	Reference all attachm	ents here)	-			•			

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Facility Name / Loca	ation)		DISC	CHARGE	MONITORING	REPORT (DMR)	,		•			
ADDRESS: 76 Sou	nergy Nuclear Operation of the Main Street OH 44308	ng Company	PA0025615 PERMIT NUMBER			(17-19) 110 DISCHARGE NUMBER RING PERIOD			Ь Di	SCHARCA	<del>-</del>	
LOCATION: Shippingport Borough, Beaver County			FROM YEAR MO DAY  (20-21) (22-23) (24-25)			TO YEAR MO DAY (26-27) (28-29) (30-31)			NOTE: Read instructions before completing the			
Parameter (32-37)		(4653)	QUANTITY OR LOADI (54-61)	,	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)	•	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
low	Measurement  Permit Requirement	MONITOR	AND REPORT	MGD	THE STATE OF THE S				1 100	I/WEEK.	ESTÎMATE	
	Sample Measurement	± Min ≠ ÷			(A) (A) (A) (A)				3 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		•	
	Requirement Sample Measurement	*	- <b>*</b>		•	*	•	•		* •	•	
e	Permit Requirement	£1 • . 4	江南 中國縣 代	*	"不是我们"	· 在 100 · 1	者是《新疆》	•		\$ 18 miles		
	Sample Measurement	•	•		*		*			•		
	Permit Requirement		11是於蘇州為海		中一人 第 500	在文·红旗。	18 · · · · · · · · · · · · · · · · · · ·	*		発展に対抗	展次次	
	Sample Measurement	•			•	*				•	•	
	Permit Requirement	j. 😘 🖟	14多元清整。4年	*	位達勝行物	<b>注意表现</b>	於是 (2) (1) (1)	•	(1)	<b>多数小量</b> 的	<b>新兴</b>	
	Sample Measurement	<b>+</b> -	•	:		• ,		;		٠	•	
	Permit = Requirement =		( ) "表现了			深度 * 病食产	京 "秦秋苏金		大學(3	実際は状況	数为产	
,	Sample Measurement Permit	* * * * * * * * * * * * * * * * * * *		_	*	· [2] 李·张蒙九	Service Const	_	1 - 1		anna.	
AME/TITLE PRINCIPAL FFICER FICER W. U  HEMISTY W  TYPE OR PRI OMMENT AND E	WITH THE INDIVIDUAL THE SUBMIT THERE ARE POSSIBILITY (Penalties imprisonme	NDER PENALTY OF LAW INFORMATION SUBMITT  S IMMEDIATELY RESPONTED INFORMATION IS TO SIGNIFICANT PENALTIES  OF FINE AND IMPRISOR Under these statutes ment of between 6 months	THAT I HAVE PERSONALLY EXA ED HEREIN AND BASED ON ISIBLE FOR O BTAINING THE IN RUE, ACCURATE AND COMPLI FOR SUBMITTING FALSE INFOR INMENT SEE 18 U.S.C. § 100 Bay includes fines up to \$10	MY INQUIRY FORMATION. ETE. I AM A MATION. INC AND 33 U ,000 and or	M FAMILIAR Y OF THOSE I BELIEVE WARE THAT LUDING THE S.C. §1319.  maximum OFI	ATURE OF PRINCIPAL E	724 XECUTIVE AREA	TELEPHO	<u>i13</u>	02 0	DATE  MO DAY	
			(11010101100 un anaoini	one nore	•	•	•		•	,		

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE	NAME	<b>ADDRESS</b>	(Include
Facility Name			•

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

Facility Name / Location	Ų		DISC	HARGE	MONHORING	KEPOKI (DNIK)					
	y Nuclear Operati	ng Company	(2-		·	(17-19					
ADDRESS: 76 South N				25615		010					
Akron, OH	1 44308		PERMIT			DISCHARGE	NUMBER				
					MONITORING F						
	alley Power Statio				DAY TO	YEAR MO		•			
LOCATION: Shippings	ort Borough, Bear	ver County	02 0			02 108	31				
			(20-21) (22-	23) (2	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comple	ting this form
Parameter		(3 Card Only) Q1	UANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
				17.7700	- 300 100 400 4	1		I IDIEC	((2, (2)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	- Y	<del></del>
	Measurement	5.29	5.62		•	*	*	}		1 77	MEAS
Flow	Permit Requirement	l	ND REPORT	MGD		₹7. * •	•		٠	I/WEEK	MEASURED
	Sample Measurement		•		•	0.0	0.0			ソコ	GRAB
Free Available Chlorine	Permit . Requirement	•		•		AVG CONC	MAX CONC	MG/L	•	1/WEEK	GRABWHILE CHLORO
	Sample Measurement		•		+	0.0	0,0			177	GRAB
Total Residual Chlorine	Permit				, +	05.	1.25	MG/L		· i/week'-	GRABWHILE CHLORO
Total Residual Ciliotine	Requirement Sample	•				*	*	INO/D		*	<b>₩</b>
	Measurement Permit		<u> </u>		·	1 /			<del></del>	WHEN-	24 HOUR
Clamtrol CT-1	Requirement		•	*		NOT DETE	ECTABLE	MG/L	•	DISCHARG -	-COMPOSITE
	Sample Measurement	•	- •		•	*	*			*	*
Betz DT-I	Permit Requirement	•		٠	24 (4		35.0	MG/L_	- 1 - 1 - 2	WHEN DISCHARG	COMPOSITE
	Sample Measurement		•		7.60	*	8.39		0	1/7	GRAB
ъН	Permit Requirement	*	ş ,	•	.60``	1111	90	s v.	• .	I/WEEK	GRAB
	Sample Measurement	•	•		*	*	*			*	*
	Permit Requirement							1 .	1	14. 4.	, .
AME/TITLE PRINCIPAL EXEC	<del></del>	INDER PENALTY OF LAW TH	I IAT I HAVE PERSONALLY EXA	MINED AND A	M FAMILIAR	1 4	<u> </u>	TELEPHON	IE.		ATE
)FFICER	, WITH THE		HEREIN AND BASED ON								
JOSEPH W. VE	MUDIVIDUA LOCA	LS IMMEDIATELY RESPONS	IBLE FOR OBTAINING THE IN	FORMATION.	I BELIEVE	Λ				İ	
^	THE 208MI		UE, ACCURATE AND COMPLI			1/2 4 11/					<u> </u>
CHEMISTRY MAN			OR SUBMITTING FALSE INFOR			UHIFUZ	724	682-5	いス	02-10	9 27
TYPE OR PRINT  (Penalties under these statutes may includes fines up to \$10,000 and or m				maximum AleN	ATURE OF PRINCIPAL EX		<u> </u>		YEAR C	9 27 MO DAY	
	imprisonment of between 6 months and 5 years			, mm U		FICER OR AUTHORIZED		NUM	BER		
SOLUTION AND EXPL										<del></del>	<del></del>

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

NOTE: YOUR PERMIT WILL EXPIRE ON DECEMBER 27, 2006. PLEASE SUBMIT YOUR RENEWAL APPLICATION BY JUNE 30, 2006. \* CT-1 (CLAMTROL) WAS NOT DISCHARGED IN AUGUST ZOOR

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: ADDRESS:			ng Company	PA00 PERMIT	25615 NUMBER	MONITORING PI	011 DISCHARGE ERIOD	· .			·	·
		ey Power Station rt Borough, Beav		M YEAR M O2 O (20-21) (22-	9	OAY TO O( 4-25)	YEAR MO OZ OS (26-27) (28-29		NOTE: Rea			leting this form
Parar (32-			(3 Card Only) Q1 (4653)	JANTITY OR LOADI (54-61)		(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	1/7	(69.70) EST
		Measurement	0.004	0.004	-	*	•	•			<i>1</i> '	
Flow		Permit Requirement	MONITOR A	ND REPORT	MGD	* '	•	•	•	*	1/WEEK	ESTIMATE
		Sample Measurement	•	•	_	•	*	•			•	
		Permit Requirement	*			•		•		*		.*
		Sample Measurement	*			•	•	•			*	
		Permit - Requirement	•		1 .			• .		*	*	. *
		Sample Measurement	•	•		*						*
		Permit Requirement	•	•	1 .	*		• 3		*	•	•
		Sample Measurement	*	•	<del> </del>	+		•			*	*
		Permit Requirement	*	•	•		• 9	· · · · ·	1 .	•	*	•
	-	Sample Measurement	•	•			*				*	
		Permit	•	- 1	1.		1.2.1	3 2	••	*		* •
	1	Requirement Sample	•		1		•	•				•
		Measurement Permit			1.	. 5 . 9	77.77 × X	3 · 超声: 第				٠ .
IAME/TITLE P	RINCIPAL EXEC	Requirement  UTIVE I CERTIPY	UNDER PENALTY OF LAW TO	L LAT I HAVE PERSONALLY EX	AMINED AND	<del> </del>	<del> </del>		TELEPHON	VE.		DATE
FFICER		WITH THE		D HEREIN AND BASED ON								
TOTECH	W Ven	THE SUBM		ible for obtaining the i ue, accurate and compi			N = 1		•			1
^	nd Minn	L		or submitting false info			Admin /	177	122-5	· 511	02	MO DAY
	E OR PRINT	(Penalties	under these statutes ma	MENT SEE 18 U.S.C. §100 y includes fines up to \$1		maximum SIGN	ATURE OF PRINCIPAL E	XECUTIVE AREA CODE	NUM		YEAR	MO DAY
OMMENT	ANDEYDI		ent of between 6 months a	ind 5 years) (Reference all attachr	nents here	<del></del>	FICER OR AUTHÓRIZED	AGENT   CODE	NOM	DLK	<u> </u>	1
CHIMICIAI	AND DALD	ת זט יוטווויים:	111 LIODELLIONO	" - FATAL ALIAA MIL MILMALTI		,						

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	y Nuclear Operati	ng Company_	(2-	16)	- -	(17-19	9)				
ADDRESS: 76 South N			PA00		•	- 111					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER	-			
			\$2° 24°		MONITORING P	ERIOD 🥆 🚈 🔆					
FACILITY: Beaver Va	lley Power Station	FRO	M YEAR M	0 D	AY TO	YEAR MO					
JOCATION: Shippingpo	ort Borough, Beav	er County	02 08	3 C	16	02 08	31				
			(20-21) (22-	23) (2-	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comp	leting this form
Parameter	1	(3 Card Only) QU	ANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	- TYPE
-				I		11177467	1 24370704	TIME	(62.62)	ANALYSIS (64-68)	(69-70)
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	· MAXIMUM	UNITS	(62-63)		
	Sample Measurement	0.002	0.002		*	+	*	!	ļ	1/2	EST
How	Permit Requirement	MONITOR A	ND REPORT	MGD	*	. *	*		i*	1/WEEK	ESTIMATE
	Sample Measurement	*	•	-	•	44.0	4.0			1 1/7	GRAB
Suspended Solids	Permit Requirement	•	\$	1 .	*	30	100	MG/L		1/WEEK	GRAB
	Sample Measurement	*	•			45.0	45.0			47	GRAB
It and Grease	Permit Requirement	•		1.		15	20	MG/L	.*	I/WEEK	GRAB
Jii and Grease	Sample	•	•		6.82	•	7.39	110.2		1/7	GRAB
-	Measurement Permit	•	•	i .		•	90	S.U	<u>;</u>	1/WEEK	GRAB
·H	Requirement Sample	•		<del>                                     </del>	60			3.0	<del> </del>		1
	Measurement		•		•	*	*		ļ	<u> </u>	*
	Permit Requirement		•	•	•	• :	• • • •	*	*	* -	•
	Sample Measurement	*	•	]	•	*					•
	Permit Requirement	• 4			•	•	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	*	* ***		
•	Sample Measurement	•	- •		•	*			1		•
-	Permit Requirement	ः . स्थ	•	1 .	*		1 福克第二	*	, <u>u</u>	* •	•
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CHEMISTRY MA	JACEL POSSIBILIT	Y OF FINE AND IMPRISON				Millian	724	682-5	<u> </u>	02 _	$\frac{QQ}{MO}$ $\frac{27}{DAY}$
TYPE OR PRINT (Penalties under these statutes may includes fines up to \$10,000 and or				maximum SIGN	ATURE OF PRINCIPAL E				YEAR	MO DAY	
		ent of between 6 months ar				TRICER OR AUTHORIZED	AGENT CODE	NUME	BER		
OMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (	Reference all attachn	nents here)	)	<b>'</b>					

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE NAME ADDRESS	(Include
Facility Name / Location)	•

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Facility Name / Location)	)				MONITORING	REPORT (DMR)	i zi.ii (i ii zizo)				
NAME: First Energy	y Nuclear Operati	ing Company		16)		· (17-19	· 9)				•
ADDRESS: 76 South M	lain Street		- PA00			211	<del></del>				
Akron, OH	44308	<del>''</del>	PERMIT			· DISCHARGE	NUMBER ·	-			
					MONITORING P					·	
FACILITY: Beaver Val	ley Power Station	FRO	M YEAR M		AY TO	YEAR MO	DAY				
LOCATION: Shippingpo	rt Borough, Beav	er County	02 0			02 08				•	
			(20-21) (22-		4-25)	(26-27) (28-29		NOTE: Rea	d instruction	ns before comple	ting this form
Parameter		(3 Card Only) QU	JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)	_	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
	1			·		·				ANALYSIS	
· · · · · · · · · · · · · · · · · · ·	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Measurement	0.062	0.002/		•	• .	u u			1/7	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	•	*	·* 5 <sup>†</sup>	*	• 1	.1/WEEK	ESTIMATE
	Sample Measurement	•	*		-	18.6	47.0		0	1 47	GEAB
Suspended Solids	Permit Requirement	- *	*	*	. *	30	100	MG/L	• 7	47WEEK	GRAB
	Sample Measurement	*	*		*	LS.0	45.0		0	77	Gens
Oil and Grease	Permit Requirement	•	*	•		- 15	20	MG/L		i/week }	GRAB
	Sample Measurement	•	*	· ·	7,03	*	8.42		0	47	GRAB
pH	Permit Requirement	, •			60.	र ६ ्¥	9.0	S U.	* /	1/WEEK	GRAB
•	Sample Measurement		•		*	*	•			<b>.</b>	٠
	Permit Requirement -	•		•		i i i	1 2 27 1			2.36 :	19 ·
	Sample Measurement	•	+		•	*	*	•	,	*	•
	Permit Requirement	¥* •	* * * * * * * * * * * * * * * * * * * *	*	<ul><li>( ) → ( )</li></ul>	李隆湖 广大	大型のサイ	•	: # S	. 當論 . 沿	74 ×
,	Sample Measurement	•	*		•	•			. •	*	*
	Permit Requirement	ĵ*,ν • .		*		1200	· 所 ・題 小道	•	17. **	八黨 妄	**
NAME/TITLE PRINCIPAL EXEC OFFICER TOSEPH W. VENZ	WITH THE	UNDER PENALTY OF LAW THE INFORMATION SUBMITTED LS IMMEDIATELY RESPONSI	HEREIN AND BASED ON BLE FOR OBTAINING THE IN	MY INQUIRY	OF THOSE			TELEPHON	E	. D	ATE
TOTAL IN VENE	ON THE SUBM	ITTED INFORMATION IS TRU	TE, ACCURATE AND COMPLI	ETE. I AM A	WARE THAT	1					
CHEMISTRY MAN	AGE POSSIBILIT	SIGNIFICANT PENALTIES FOR Y OF FINE AND IMPRISONN	R SUBMITTING FALSE INFOR	MATION. INC	LUDING THE	3 MAWN 32	724	682-	<112		9 27
TYPE OR PRINT	(renames	under these statutes may sent of between 6 months ar	includes fines up to \$10	,000 and or	maximum SIGNA	TURE OF PRINCIPAL EX	ECUTIVE AREA				9   <del>2]</del>
COMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (I	Reference all attachm	ents here)	1 OFF	TICER OR AUTHORIZED	AGENT CODE	. NUME	SEK		

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(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

. Page 1 of 1

Akron, OH 44308

FACILITY: Beaver Valley Power Station

NAME: First Energy Nuclear Operating Company
ADDRESS: 76 South Main Street

· 一种产品 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

		(2-16)	1			(17-19)				
		PA002561	5		012					
	PER	MIT NUM	BER		DISCHARGE NUMBER					
		\$ ~\\$ <u>\$</u> \$	MONIT	ORING P	ERIOD 🚁	12 - 12 - 14 -				
FROM	YEAR =	· MO	DAY	TO	YEAR	MO	DAY			
	02	Œ	01		02	ගුන	31			
	(00.01)	(20.00)	(0.4.0.0)	•	(0 ( 0 %)	(20.20)	(20 31)			

Parameter		(3 Card Only) QI	(20-21) (22- JANTITY OR LOADI		4-25) (4 Card Only)	(26-27) (28-29 QUALITY OR CONC	• • • • • • • • • • • • • • • • • • • •	NOTE: Rea	NO.	FREQUENCY	SAMPLE
(32-37)		(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	20.001	Lo. 001		•	*	•			1/31	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD	* + 5	<b>"\</b> *			% ? ♦	I/MONTH	ESTIMATE
	Sample Measurement	•	•		•	idoA	692			Ϋ́	GRAB
Total Dissolved Solids	Permit Requirement	* * •		• 1	* / 3"	MONITOR A	• • • • • • • • • • • • • • • • • • • •	MG/L	*	i/WEEK	GRAB
	Sample Measurement		•		•	0.802	88.0		0	1/7	GRAB
Chromium	Permit Requirement	•	•	1 .	• '	. 02	02	MG/L	₹ *	-1/WEEK	GRAB
	Sample Measurement	•	•		*	3.5	7.7		4	1/7	GLAB
Zinc	Permit Requirement		• '	1.	*/ 3	- 1.0	10	MG/L		NWEEK .	· GRAB
	Sample Measurement		*		*	0.07	0.16		•	47	GRAB
Copper	Permit Requirement	*		1 .	*	MONITOR A	ND RÉPORT	MG/L		I/WEEK	GRAB
	Sample Measurement	<b>.</b>	•		8.59	*	8.59		0	. /31	GRAB
pH	Permit Requirement		* ***	1 .	60°-5	1	9.0- 4	s.u.	. 4	1/MONTH	GRAB
	Sample Measurement	•	•		•	. •	. • -			, •	*
	Permit Requirement	•		1 .	5 · •: 5	11 Jr 14 & A	1 . Syric	٠	i • 🔄	4.5	*
NAME/TITLE PRINCIPAL EXI OFFICER		UNDER PENALTY OF LAW T				•		TELEPHON	E .	D	ATE
Eseah W. Va	INDIVIDUA	INFORMATION SUBMITTE LLS IMMEDIATELY RESPONS		,							
_		ITTED INFORMATION IS TR				14 4 1/2					ļ
HANISTRY MA	AGPE POSSIBILITY	e significant penalties for Y of fine and imprison					724	682-5	4(3 ·	or c	$\frac{39}{MO}$ $\frac{27}{DAY}$
TYPE OR PRINT	(Penalties	under these statutes ma			maximum StGX	ATURE OF PRINCIPAL EX	RECUTIVE AREA CODE	NUM	~	YEAR C	MO DAY

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Page 1 of 1



P.O. Box 4, Route 168 Shippingport, PA 15077

September 27, 2002

DMR Clerk
Department of Environmental Protection
Bureau of Water Quality Management
400 Waterfront Drive
Pittsburgh, PA 15222

# NPDES Permit PA0025615, Notice of Non-Compliance Outfall 012

Dear Sir or Madam:

During the month of August, Outfall 012 (ERF HVAC Blowdown) exceeded the monthly average and monthly maximum Zinc effluent limit of 1.0 mg/L. The Zinc was measured at 2.32 mg/L on August 8, 2002; 7.68 mg/L on August 15, 2002; 2.51 mg/L on August 19, 2002, and 1.71 mg/L on August 26, 2002.

Outfall 012 is the blowdown from the HVAC system at the Beaver Valley Emergency Response Facility (ERF). Zinc in the blowdown is attributed to the corrosion of the HVAC system. Zinc is not added to the system.

Beaver Valley is currently investigating alternative treatment of the HVAC system to minimize corrosion of the system and is working with the Pennsylvania DEP on an acceptable compliance schedule with respect to effluent limits at Outfall 012.

If you have any questions, contact me at 724 682-5113.

77. ...

Chemistry and Environmental

Manager

DJS

C: J.W. Venzon

S.F. Brown

Central File

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	(2-	16)		(17-19	9)						
ADDRESS: 76 South M			PA00	25615		113					
Akron, OH	44308		PERMIT			DISCHARGE	NUMBER		• • •		
					MONITORING P		,				•
	Iley Power Statio				AY TO	YEAR MO					
LOCATION: Shippingpe	ort Borough, Bear	ver County	02 0		21	02 08	31:				
	•		(20-21) (22-	23) (2	4-25)	(26-27) (28-29	9) (30-31)	NOTE: Rea	d instructio	ns before comp	oleting this form
Parameter			JANTITY OR LOADI	NG	(4 Card Only)	QUALITY OR CONC		, , , , , , , , , , , , , , , , , , , ,	NO.	FREQUENCY	
(32-37)	i	(46~53)	(54-61)		(38-45)	~ (46 <b>-53</b> )	(54-61)		EX	OF ANALYSIS	TYPE
	_	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.016	*	5.5	*	*	+		0	. 1/7	MEAS
Flow	Requirement	0.043	一种 一种 一种	MGD	28.87.43	<b>新产品。重新</b>	古河上海西南流		a gift to the	i/week	MEASURED
	Sample Measurement	•	•		•	12.0	22.0		0	7/31	EHR
CBOD-5 Day	Permit :	Mary of the state of	"农民"為"赞"。其			25	50	MG/L		2/MONTH	COMPOSITI
	Sample Measurement	*			.*	5.4	5.4	· .	0	2/31	EHRE
Suspended Solids	Permit 273 Requirement &	所统。 (1)	ma de nome	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	307 3045	60	MG/L	10 10 10 10 10 10 10 10 10 10 10 10 10 1		COMPOSITI
	Sample Measurement	*			•	0.78	0.32	·	0	431	GRAB
Total Residual Chlorine	Permit Requirement	1 mars	1 4 3			3 4 14 6 3	7,0,0	MG/L		2/MONTH	-GRAB
Fecal Coliform May 1 to Oct 31	Sample Measurement Permit	*	•			27.0	36.0		0	731	GRAB
Nov I to Apr 30	Requirement -?	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TR は な が	•	14 M. 13	2000	1000	#/100ML	7 44 1 K	2/MONTH	GRAB
-	Measurement Permit	*			7.85	•	8.11		0	2/31	GRAB
υH	Requirement '\$	•		*	60 7	的名 经等价	是不過600年	S.U.	F .	2/MONTH	GRAB
•	Sample Measurement	• .	•		*		• •	, ,	<u> </u>	. •	. *
	Permit Requirement	· · · · · · · · · · · · · · · · · · ·		. •	1. 43.	S 25 + 10 6 30	は、京教館に、東	*	· 🐝 🗈	XVY *.	•
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JOSEPH W. VEN	INDIVIDUAL		BLEFOR OBTAINING THE I? JE, ACCURATE AND COMPL			1					
			R SUBMITTING FALSE INFOR			la Ma Al m	A	100 -			-h   -1
TEMISTRY MANY	POSSIBILIT	Y OF FINE AND IMPRISON	MENT SEE 18 U.S.C. §1001	AND 33 U.	s.c. §1319.	Mun os		682-S	113	02	09 24
TYPE OR PRINT	imprisonm	ent of between 6 months at	includes fines up to \$10 and 5 years)		(O)	TURE OF PRINCIPAL EX FICER OR AUTHORIZED		- NUME	BER	YEAR	MO DAY
OMMENT AND EXPL	ANATION OF A	NY VIOLATIONS (	Reference all attachm	ents here)		*			•		

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of

PERMITTEE NAME ADDRESS	Include
Facility Name / Location)	

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First En	ergy Nuclear Operat	! C				o 1101 O111 (D)111	· · ·				
	h Main Street	ing Company	(2	-16)		/17	<b>'-</b> 19)				
	OH 44308		PA0	025615			13				
- radon,	OH 44308		PERMIT	NUMBE	R		E NUMBER		M-D		
FACILITY: Pearson	V-IIB	·	12 -1-		MONITORING	PERIOD	E NUMBER		1000	ischarg	> <del>C</del>
FACILITY: Beaver	valley Power Station	FRO	OM YEAR N	10	DAY TO		(0   5 :==				
LOCATION: Shippin	gport Borough, Beav	er County	02 0		ठा ।		O DAY				
Description			(20-21) (22		24-25)	(26-27) (28-					
Parameter (32-37)		(3 Card Only) Q	UANTITY OR LOAD				, , , , , , ,	NOTE: Res	id instructio	ons before compl	eting this form
(32-37)		(46-53)	(54-61)		(4 Card Only) (38-45)	QUALITY OR CO			NO.	FREQUENCY	SAMPLE
	•				(30-43)	(46-53)	(54-61)		EX	OF	TYPE
	Sample	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			ANALYSIS	
	Measurement						MAXIMUM	UNITS	(62-63)	(64-68) ·	(69-70)
Flow	Permit Requirement	inches in the same of the	ND REPORT	ł			*	1			
	Sample	W WONTOR A	ND REPORT	MGD	The Market	海路できる	<b>学和企业公共</b>		1 . Su & 7 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .	I/WEEK	<del>\(\frac{1}{2}\) \(\frac{1}{2}\)</del>
	Measurement	*	•				AND MET THEN ALL		3 Ta	MANUEK .	ESTIMATE
Suspended Solids	Permit Requirement	图 (4)	28 . 18 Ag . 28	ĺ	7. 7. 2	Standard 30				1.	ł
	Sample T	37.		*	4 - 行為恐惧的证	30	<b>第二年100章章</b>	MG/L	1	27MONTH	£ 2 = = = = = = = = = = = = = = = = = =
	Measurement	*	*		*			·	3.77K- 1 K	4*ZIMONTH*	GRĀB 🔆
Oil and Grease	Requirement 達。		1300 夏风 夏		THE SERVICE STATE	TRUBERTY FOR LAKE	4 5 E - 2 C C - 30 F - 30 F - 30 F				
	Sample Measurement		25,1 5 25		4 日本統立と第	编版13支持的	20第二章	MG/L -		2/MONTH	
-11	Permit	· ·								- ZIMONTH >	GRAB
pH	Requirement "	20 W W	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		60	第22500000000000000000000000000000000000	35 1 on 75829 , \$4 850	į			
	Sample Measurement				6 Os	最初がある。例ができ	1005 A. T.	S.U.		*:2/MONTH	GRAB
	Permit 5		*		•	•					
	Requirement *	Ch 10 - 31 - 56	5. 145 E	•	1	被的可谓意识	政制度在人工家	ŀ	- ; ; ;	Cod the Salaman in Serie man in	•
	Measurement	•	•			a well the second second	THE CALL STATES OF SAME	*	. W		
	Permit Requirement	¥ 14 17	\$ 80 m	}		•		•			
	Sample		E 12 16		元、"武器"一项	<b>邓晓德</b> ·诗门结。	學。如此學多	. 1	· 30 :	SE . 15	
	Measurement Permit						3. 7. 2. 2. 2.			270,2 * +-51 t ·	<u> </u>
	Kenturament Act	3- 4 . · · · · · · · · · · · · · · · · · ·	3. 1. 5. 7. 7.	. t	- Vrsanca	SCO San Proposition	•	· · L		_ • 1	•
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TYPE OR PRINT	POSSIBILITY O	F FINE AND IMPRISONNET	SUBMITTING PALSE INFORM	TION, INCL	UDING THE ! \ \ }	S. Muse is	1. ,			] !	
	1.1		recorded titles fib to 210'00	JU and or 1	C. \$1319.	Whos. a.	1724	<u>682-5</u>	NS	02/0	9 27
COMMENT AND EXPI	ANATION OF ANY	of between 6 months and	5 years)		DET	URE OF PRINCIPAL EX CER OR AUTHORIZED .	ECITIVE LAREA			YEAR M	$\frac{9}{8}$ $\frac{27}{\text{DAY}}$
COMMENT AND EXPL	WATION OF AN	VIOLATIONS (Re	eference all attachmer	its here)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	. OK AUTHORIZED	AGENT CODE	NUMBE	R		
				•	\ /		•				

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

### 4: : " \* "; NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energy	y Nuclear Operation	ng Company	(2-	16)		(17-1	9)				
ADDRESS: 76 South M	Iain Street			25615		313					
Akron, OH	44308		PERMIT	NUMBER		DISCHARGE	NUMBER				
			m- e 1744 £	od.	MONITORING P	ERIOD : : :					
FACILITY: Beaver Val					AY TO	YEAR MO				•	
LOCATION: Shippingpo	ort Borough, Beav	er County	02 0	8 (		02 03	3(				
			(20-21) (22-		4-25)	(26-27) (28-29	(30-31)	NOTE: Read	d Instructio	ns before comp	eting this form
Parameter			UANTITY OR LOAD!	NG	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE
(32-37)	1	(4653)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
	Sample Measurement	0.002	0.002	00	. •	*	•	011110	(02-03)	77	EST
Flow	Permit Requirement	MONITOR A	ND REPORT	MGD		• ,			in a	INVEEK	ESTIMATE
	Sample Measurement	•	•	indb	•	44.0	24.0			77	GEAB
Suspended Solids	Permit .	n	2 . 1			30	100 2	MG/L		INEEK	GRAB
o coperate contact	Sample	•				45.0		MO/L	0	1/7	GRAB
	Measurement Permit	P p	•		•		<u> </u>		<del></del>	1 1	GRAD
Oil and Grease	Requirement '	· • · · · · · · · · · · · · · · · · · ·	* .	•	* * *	15	20 1	MG/L	2.0	NWEEK	' GRAB
	Measurement				7.01	•	8.31		0	1/7	GRAB
pH	Permit Requirement	- <u> </u>	· .	*	60 -	** ** *	9.6	S.U.	1.	I/WEEK	GRAB
	Sample Measurement		•		*		•				*
	Permit Requirement	\$ 5. J.	di 🖟 -	. [	1 4.19	- 1 4 80	<b>福达等。2016</b>	•	*	(-) **	· • ·
	Sample Measurement	•	•		*	*	+				
,	Permit & Requirement	· · · · · · · · · · · · · · · · · · ·	3	.	****	23.00	3。"到海洋风景		ĵ.	14. ***	13
•	Sample Measurement		•		•	•	•	-		*	
	Permit Requirement	· · · · · · · · · · · · · · · · · · ·			×	\$. · 、 · · · · · · · · · · · · · · · · ·	a	*	21 ME	1 75 . *15 .	
NAME/TITLE PRINCIPAL EXECU		NDER PENALTY OF LAW TH	AT I HAVE PERSONALLY EXA	MINED AND A				TELEPHON			DATE
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		FIED INFORMATION IS TRU SIGNIFICANT PENALTIES FO	JE, ACCURATE AND COMPLI OR SUBMITTING FALSE INFOR	ETE. 1 AM AV	WARE THAT	A Marish 1					. [
CHEMISTRY MATE	POSSIBILITY	OF FINE AND IMPRISON	MENT SEE 18 U.S.C. \$1001	AND 33 U.S	s.c. §1319.	-1709 mgo//	1724	682-5	113	02 0	$\frac{59}{MO}$ $\frac{Z7}{DAY}$
TYPE OR PRINT	(Penalties u	under these statutes may ent of between 6 months as	includes fines up to \$10	,000 and or	maximum SIGNA	TURE OF PRINCIPAL EX		NUMB		YEAR	MO DAY
COMMENT AND EXPLA	NATION OF AN	Y VIOLATIONS (	Reference all attachm	ents here)		TIVER OR AUTHORIZED	AGENT   CODE	NOME	NA.		

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

PERMITTEE NAME ADDRESS	Anclude
Facility Name / Location)	1

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME:   First Energy Nuclear Operating Company   12-16    1(17-19)   1(17-1	NAME: First Ene		_				- 5.21 O1(1 (D)(11()						
AROUN, OH 44308  FACILITY: Beaver Valley Power Station LOCATION: Shippingport Borough, Beaver County  (A-52)		ergy Nuclear Opera	ting Company	C	2-16)	1	(17.1	0)					
FACILITY: Beaver Valley Power Station  FROM  LOCATION: Shippingport Borough, Beaver County  (Gard Only)  (GA-51)  (GA-52)  (GA-53)  (GA-53)  (GA-53)  (GA-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-53)  (GA-6-6-53)  (GA-6-6-53)  (GA-6-6-53)  (GA-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6													
FACILITY: Beaver Valley Power Station FROM LOCATION: Shippingport Borough, Beaver County FRAM MO DAY COLORATION: Shippingport Borough, Beaver County Cabin (22-23) (24	Akron, C	OH 44308				<del></del>					<u> </u>		
Parameter   Gardoning   Gard				Se Man			OPPIC PERSON			No DISCHARGE			
Parameter (32-37)    Card Only)   FACILITY: Beaver V	alley Power Statio	n FRO			MONITORING		-		. •				
Parameter (32-37) (3 Card Only) QUANTITY OR LOADING (46-53) (24-27) (28-29) (30-31) NOTE: Read instructions before completing this form (32-37) (46-53) (46-53) (34-45) QUANTITY OR LOADING (46-53) (54-61) NO. FREQUENCY SAMPLE OF AVERAGE MAXIMUM UNITS (38-45) (46-53) (54-61) NO. FREQUENCY SAMPLE OF AVERAGE MAXIMUM UNITS (52-45) (64-68) (69-70) NO. FREQUENCY SAMPLE OF AVERAGE MAXIMUM UNITS (62-45) (64-68) (69-70) NO. FREQUENCY SAMPLE NO. FREGUENCE NO. FREQUENCY SAMPLE NO. FREADY	LOCATION: Shipping	port Borough, Bear	ver County										
Parameter (32-37)  (3 Card Only) QUANTITY OR LOADING (4 Card Only) (38-45)  (34-61) (3			*										
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TYPE OR PRINT  POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. \$1001 AND 33 U.S.C. \$1319.  (Penalties under these statutes may includes fines up to \$10,000 and or maximum Signature of Principal Executive  AREA  724 682-513  O2 09 27	CORCH DO, DENS	THE SUBMIT	TED INFORMATION IS TRUE	E F OR O BTAINING THE IN	FORMATION.	I BELIEVE				1		1	
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Penalties under these statutes may includes fines up to \$10,000 and or maximum . SIGNATURE OF PRINCIPAL EXECUTIVE AREA	TYPE OF PRACT	POSSIBILITY	VE TIME AND IMPRISONMEN	VT CFF 18 DIC & \$1001	11m 22	_ ^ ^ ^ _	Milliarvo	774	1500	112		10 27	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  OFFICER OR AUTHORIZED AGENT CODE NUMBER  YEAR MO DAY	THEORPROT	(Penalties u	MOL LICSE STRILLER THAT IN	VIIVIES Sines Iva to \$10.	000 and or	maximum SIGNAT	URE OF PRINCIPAL PY		202-5	100			
NOWIBER   NOWIBER	COMMENT AND EXPI	ANATION OF AN	W WIOT A TIONS	5 years)			CER OR AUTHORIZED A		NIME	- I	YEAR N	10 DAY	
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EPA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

Page 1 of 1

### 33- 19-51 . NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: First Energ	(2	(2-16)		(17-19)							
ADDRESS: 76 South Main Street				025615		013					
Akron, OH_44308				NUMBER		DISCHARGE				•	
					MONITORING P						
	alley Power Stat				DAY TO	YEAR MO					
LOCATION: Shippingp	ort Borough, Be	eaver County				02 00					41 - 41 !
				•	4-25)	(26-27) (28-29		NOTE: Rea		ns before compl	
Parameter			UANTITY OR LOAD	DING	(4 Card Only)	QUALITY OR CONC			NO.	FREQUENCY	SAMPLE TYPE
(32-37)		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF ANALYSIS	1116
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	Sample Measurement	0.018	0.032			*	*			Y7	EST
Flow	Permit Requirement	MONITOR	AND REPORT	MGD	• .	*		•	.*	1/WEEK	ESTIMATE
	Sample Measurement		•		•	0.75	0.30		.0	431	CAL
Total Residual Chlorine	Permit Requirement	•	•	. *	•	0.5	1.25	MG/L	. 4	2/MONTH	CALCULATE
	Sample Measurement	•	•	-	*	0.10	0.017		•	1/1	CALC
Copper	Permit Requirement	•	•	*	•	MONITOR A	ND REPORT	MG/L	, " <b>+</b> .	1/WEEK	·CALCULATE
	Sample Measurement	*	•	_	•				ļ	<u> </u>	
Chlorobenzene	Permit Requirement	: *			- •	MONITOR A	ND REPORT	MG/L		2/QUARTER	CALCULATE
	Sample Measurement	•	86	_	•	•	•		0	177	GRAB
[emperature	Permit Requirement		i 10	°F	*			•	. •	1/WEEK	GRAB (1-s)
	Sample Measurement Permit	•	•		•	20.02	60.02			2/31	CALC
vanide, tot	Requirement Sample		•	*	• '	MONITOR A		S.U.	, 1	2/MONTH	CALCULATE
	Measurement Permit	•	•	_	7.60		8.04		<u>Q</u>	1 77	CALC
Н	Requirement	. • -	•		60	• *	-9.0	S U.	4	1/WEEK	CALCULATE
AME/TITLE PRINCIPAL EXEC		Y UNDER PENALTY OF LAW 1			1	_		TELEPHON	NE	[	DATE
FFICER	NUMBER OF	HE INFORMATION SUBMITT UALS IMMEDIATELY RESPON		•		Λ /					}
IDSERT W. Ve	NEON THE SUE	EMITTED INFORMATION IS T				Le u d					
CHEMISTRY MA	THERE A	RE SIGNIFICANT PENALTIES I	for submitting false info	ORMATION. IN	S.C. §1319.	411111111	724	682-	5113	02	09 <u>Z</u> 1 MO DAY
TYPE OR PRINT		es under these statutes m		10,000 and or		ATURE OF PAINCIPAL EX		21112.0	DED	YEAR	MO DAY
	Imprisor	ument of between 6 months	and 5 years)			FICER OR AUTHORIZED	AGENT CODE	NUM	DEK		

PA FORM 3320-1 (Rev 9 - 88) Previous edition maybe used.

OMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

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